

The revised BIS testing charges for IS 1:1968 effective from 19-12-2018

BUREAU OF INDIAN STANDARDS CENTRAL LABORATORY (Quality Assurance Department)

Ref: CL/QA/Testing Charges/1

2018-12-03

Based on the inputs received from testing section, the testing charges as per IS 1:1968 (Amnd-4)
SPECIFICATION FOR THE NATIONAL FLAG OF INDIA (COTTON KHADI) is as below:

S. No.	Requirement/Characteristics	Clause	Man-hours	Power (kWh)	Consumables (in Rs)	Remarks
1.	Design	2	1	-	-	-
	Cotton khadi bunting	3.1	-	-	-	-
2.	Yarn	3.1.1	1.5	-	-	-
3.	Cloth	3.1.2	-	-	-	-
	a. Ends/dm	Table-1	2	-	-	-
	b. Picks/dm	Table-1	2	-	-	-
	c. Weight	Table-1	1	-	-	-
	d. Breaking load warp	Table-1	5	10	-	-
	e. Colour fastness to light	Table-2	*	-	-	-
	f. pH value	Table-2	*	-	-	-
	g. Dimensional changes	Table-2	2	-	-	-
4.	Bunting	3.1.2.1	1.5	-	-	-
5.	Colour	3.1.2.2	0.5	-	-	-
	Cotton khadi duck	3.2	-	-	-	-
6.	Yarn	3.2.1	0.5	-	-	-
7.	Cloth	3.2.2	-	-	-	-
	a. Ends/dm	Table-3	2	-	-	-
	b. Picks/dm	Table-3	2	-	-	-
	c. Weight	Table-3	1	-	-	-
	d. Breaking load warp	Table-3	5	-	-	-
8.	Sewing thread	3.3	*	-	-	-
9.	Hemp cordage	3.4	-	-	-	-
	a. Nominal size	Table-4	0.5	-	-	-
	b. No. of strands	Table-4	0.5	-	-	-
	c. Nominal linear density	Table-4	1.5	-	-	-
	d. Breaking load	Table-4	**	-	-	-
10.	Wooden toggles	3.5	1	-	-	-
	Flag	4	-	-	-	-
11.	Size	4.1 & 4.2	1	-	-	-

12.	Ashoka chakra Construction	4.3 5	0.5 -	- -	- -	- -
13.	Stitching	5.1	0.5	-	-	-
14.	Panels	5.2	1	-	-	-
15.	Reinforcements	5.3	0.5	-	-	-
16.	Sleeve	5.4	0.5	-	-	-
	Report Preparation		1.5	-	-	-
	TOTAL		36	10	-	-

*Testing charges as per referred ISS.

**Test facility not available.

Testing charges: $36 \times 300 + 10 \times 9 = \text{Rs. } 10890/-$ (excluding Breaking load) + charges as per referred ISS

TA (Mechanical)

OIC (M)

OIC (QA)

Head (CL)

DDGL

As decided by Competent Authority, the testing charges for the product are Rs. 10890/- (excluding Breaking load of Hemp cordage) + testing charges as per referred ISS.

**(Ankita Tripathi)
Sc.B, LPPD**

HLPPD

DDG (Labs)

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/14:0

2001-06-20

TESTING CHARGES FOR IS: 1:1968 THE NATIONAL FLAG OF INDIA (COTTON KHADI)

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Design		
	a) Shape	2.1	0.5
	b) Panel	2.2	0.5
2.	Material		
	i)Cotton khadi bunting		
	a) Yarn	3.1.1	4.5
3. i)	Cloth	3.1.2	0.5
	ii) Requirements for bunting cloth	3.1.2,Table 1	
	a) Ends	Sr.i)	3
	b) Picks	Sr.ii)	3
	c) Mass	Sr.iii)	1
	d) Breaking laod		
	1. Warp	iv)]	
	2. Weft	v)]	5
	iii)Dying defects	3.1,2.1	1
	iv) Colour comparison	3.1,2.2	3
4.	Requirements for bunting cloth	3.1,2.3,Table 2	
	i) Colour fastness		
	a) Light	Sr.i)	5
	b) Washing	Sr.ii)	2
	ii)pH value	Sr.iii)	1
	iii)Dimensional changes	Sr.iv)	2
5.	Cotton Khadi Duck	3.2	
	i)Yarn	3.2.1	1.5
	ii)Cloth	3.2.2	0.5
	iii)Requirements for Duck cloth	3.2.2, Table 3	
	a) Ends	Sr.i)	1
	b) Sides	Sr.ii)	1
	c) Mass Picks	Sr.iii)	1
	d) Breaking load	Sr.iv)	
	1. Warp		2
	2. Weft		

6.	Sewing Threads	3.3.1)	*
	i)Variety 15	3.3.2)	
	ii)Variety 19		
7.	Hemp Cardage	3.4	
	i)Size	Sr.1	0.5
	ii)Strands	Sr.2	0.5
	iii)Linear Density	Sr.3	1
	iv)Breaking load	Sr.4	2
8.	Wooden Toggles	3.5	
	i)Identification of wood	3.5.1	3
	ii)Dimensions	3.5.2, Table 5	1
9.	Flag	4	
	i)Size	4.1, Table 5	3
	ii)Asoka chakra	4.3	
	a)Visual	4.3	0.5
	b)Dimensions	Table 6	3
10.	Construction		
	i)Flag	5.1,5.2&5.2.1	2
	ii)Reinforcement	5.3	1
	iii)Sleeve	5.4	1
	iv)Brass wire	5.5.1	0.5
	PREPARATION OF TEST REPORT		1.5
	TOTAL TIME		61

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product Rs.4575.00.

*Threads shall be tested as per IS:1720 and its charges shall be leived accordingly.

DG may kindly approve.

(V.K. Sethi)
TS(QA)

D&H(QA)
DDGL
ADGT
DG

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1982-02-24

TESTING CHARGES FOR IS 10(Pt-II):1976 PLYWOOD TEA CHESTS
PLYWOOD (Fourth Revision)

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Timber	3.1	1
2.	Dimensions	4	1
3.	Moisture contents	5.5	1
4.	Requirements & Finish	6 & 7	1
5.	Tests for plywood	8	
	a) Water Resistance test	8.1.1 or 8.1.2	2
	b) Glue shear strength	8.3	2
	PREPARATION OF TEST REPORT		1
	TOTAL TIME :		9

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are Rs.675.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1990-07-10

TESTING CHARGES FOR IS 10 (Pt-III):1974 PLYWOOD TEA CHESTS
BATTENS

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Species of Timber	3	1
2.	Dimensions & Tolerances	4	2
3.	Requirements	5.1.1 to 5.1.3	1
4.	Moisture Content	5.1.2	1
5.	Finishing	6	½
6.	Laboratory Tests for Battens	7	1½
	PREPARATION OF TEST REPORT		½
	TOTAL TIME :		8

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are Rs.600.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1991-10-10

TESTING CHARGES FOR IS 10 (Pt-IV):1989 PLYWOOD TEA CHESTS
METAL FITTING

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Material	3.1	½
2.	Dimensions and Tolerances	4	2
	PREPARATION OF TEST REPORT		½
	TOTAL TIME :		3

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are Rs.225.00

APPROVED BY THE COMPETENT AUTHORITY :

OUR REF : LAB/14:0

1990-07-09

TESTING CHARGES FOR IS 15:1973 SEED LAC

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Mandatory Requirements	5	2
	a) Matter insoluble in hot alcohol	5.1	
2.	Optional Requirements	6	
	a) Volatile Matter (Moisture)	6.1	1
	b) Colour Index or colour & appearance	6.2	1½
	c) Bleach Index & Bleachability	6.3	3
	d) Matter soluble in water	6.4	2
	e) Ash	6.5	1½
	f) Particle size	6.6	1
	g) Max	6.7	2½
	h) Flow test	6.8	1
	PREPARATION OF TEST REPORT		½
	TOTAL TIME :		16

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are Rs.1200.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1984-10-16

TESTING CHARGES FOR IS 20:1977 CAST ALUMINIUM AND ALUMINIUM
ALLOYS

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS		
1.	Mechanical properties	3.2 Table 1	3		
2.	Chemical composition	3.2 Table 1	A-0 1900	A-18 4300	A-5 5230
	a) Copper		2.5	2.5	2.5
	b) Silicon		3	3	3
	c) Magnesium		2.5	2.5	2.5
	d) Iron		1.5	1.5	1.5
	e) Manganese		1.5	1.5	1.5
	f) Nickel		2	2	2
	g) Zinc		2.5	2.5	2.5
	h) Tin		3	3	3
	j) Titanium		-	1.5	1.5
	k) Lead		1.5	1.5	1.5
	m) Aluminium		0.5	0.5	0.5
	PREPARATION OF TEST REPORT		0.5	0.5	0.5

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are as follows.

Grade 1900/A-0 : Rs.1800.00
Grade 4300A-18 & 5230/A-5: Rs.1950.00 (for each grade)

APPROVED BY THE COMPETENT AUTHORITY :

The revised BIS testing charges for IS 21:1992 effective from 15-05-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref: LPPD/51:1

08-03-2016

**TESTING CHARGES FOR IS 21:1992 WROUGHT ALUMINIUM AND ALUMINIUM ALLOYS
FOR MANUFACTURER OF UTENSILS**

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Bent Test	4.2 Table 2	0.5
2.	Tensile test	4.2 Table 2	1.5
3.	Chemical Analysis	4.2 Table 1	
	a) Copper		2.5
	b) Silicon		3
	c) Magnesium		2.5
	d) Iron		1.5
	e) Manganese		1.5
	f) Zinc		2.5
	g) Titanium and /or grain refining elements		1.5
	h) Chromium		2.5
	j) Aluminium		0.5
4.	Lead	4.1.1	1.5
	PREPARATION OF TEST REPORT		0.5

Testing charges per man-hour are Rs. 300.00.

Hence complete testing charges for the product shall be calculated on the basis of elements present as per DESIGNATION OF Alloy.

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1984-10-16

TESTING CHARGES FOR IS 21:1992 WROUGHT ALUMINIUM AND ALUMINIUM
ALLOYS FOR MANUFACTURER OF UTENSILS

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Bent Test	4.2 Table 2	0.5
2.	Tensile test	4.2 Table 2	1.5
3.	Chemical Analysis	4.2 Table 1	
	a) Copper		2.5
	b) Silicon		3
	c) Magnesium		2.5
	d) Iron		1.5
	e) Manganese		1.5
	f) Zinc		2.5
	g) Titanium and /or grain refining elements		1.5
	h) Chromium		2.5
	j) Aluminium		0.5
4.	Lead	4.1.1	1.5
	PREPARATION OF TEST REPORT		0.5

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product shall be calculated on the basis of elements present as per DESIGNATION OF Alloy.

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1984-10-16

TESTING CHARGES FOR IS 25:1979 ANTIFRICTION BEARING ALLOYS
BIS CENTRAL LABORATORY, SAHIBABAD

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Chemical Composition	3	
	a) Alloying elements		
	i) Tin		2
	ii) Antimony		2
	iii) Lead		1½
	iv) Copper		2
	v) Nickel		2
	vi) Cadmium		2
	vii) Arsenic		2½
	viii) Zinc		2
	b) Impurities		
	i) Iron		1½
	ii) Arsenic		2½
	iii) Aluminium		2½
	vi) Bismuth		2½
	v) Zinc		2
	vi) Cadmium		2
2.	Visual inspection	4 & 5	½
3.	Fracture Test	6	1
	PREPARATION OF TEST REPORT		½

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are as follows.

Grade 1, 5, 10, 20, 60, 75	: Rs.1575.00
Grade 6	Rs.1725.00
Grade 69, 84, 90	Rs.1650.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1990-07-10

TESTING CHARGES FOR IS 34:1975 BASIC CARBONATE OF LEAD
(WHITE LEAD) FOR PAINTS

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Form & Condition	3.1	½
2.	Composition	3.2	5½
3.	Volatile matter, percent by mass, Max.	3.3 Table 1	1
4.	Residue on sieve, percent by mass, Max.	-do-	1½
5.	Oil Absorption	-do-	1
6.	Colour	-do-	½
7.	Reducing Power	-do-	1
8.	Matter soluble in water , percent by mass, Max.	-do-	1
9.	Alkalinity, percent by mass Max.	-do-	1
10.	Packing and Marketing	4	½
	PREPARATION OF TEST REPORT		½
	TOTAL TIME :		14

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are : Rs.1050.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1990-07-10

TESTING CHARGES FOR IS 35:1975 ZINC OXIDE FOR PAINTS

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Form & Condition	3.1	½
2.	Composition	3.2	3
3.	Lead Free material	3.3	1
4.	Volatile Matter, percent by mass, Max	3.4 Table 1	1
5.	Residue on sieve, percent by mass, Max.	-do-	1½
6.	Oil Absorption	-do-	1
7.	Colour	-do-	½
8.	Reducing Power	-do-	1
9.	Matter soluble in water , percent by mass, Max.	-do-	1
10.	Sulphur content, percent by mass Max.	-do-	2
	PREPARATION OF TEST REPORT		½
	TOTAL TIME :		14

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are : Rs.1050.00

APPROVED BY THE COMPETENT AUTHORITY
BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

TESTING CHARGES FOR IS 40:1971 CARBON BLACK FOR PAINTS
(First revision, Amendment No.1)

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Form & Condition	4.1	½
2.	Requirements	4.2 Table 1	
	i) Volatile matter,	-do-	½
	ii) Moisture	-do-	1
	iii) Residue on Sieve	-do-	1½
	iv) Oil Absorption	-do-	1
	v) Colour (Blackness) nigrometer index	-do-	1
	vi) Tone (approved sample required)	-do-	1
	vii) Matter soluble in water	-do-	1½
	viii) Fixed Carbon	-do-	½
	ix) pH Value	-do-	1
	x) Acetone Extract	-do-	1½
	xi) Ash	-do-	½
3.	Packing & Marketing	3.1 & 3.2	½
	PREPARATION OF TEST REPORT		1
TOTAL TIME :			13

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are Rs.975.00

APPROVED BY THE COMPETENT AUTHORITY :

The revised BIS testing charges for IS 44:1991 effective from 16-05-2018

BUREAU OF INDIAN STANDARDS

CENTRAL LABORATORY

(Quality Assurance Department)

Ref: CL/QA/Testing Charges/44

15.11.2017

Based on the inputs received from testing section, the testing charges as per IS 44:1991 (Amnd-1)

IRON OXIDE PIGMENTS FOR PAINTS is as below:

S. No.	Requirement/Characteristics	IS/Clause	Man-hours	Power (kWh)	Consumables	Remarks (Grades)
17.	Composition	Cl. 5.1	0.5	-	-	All
18.	Form & Condition	Cl. 5.2	0.5	-	-	All
19.	Requirements	Cl. 5.3 & Table-1	-	-	-	All
	a. Volatile matter	Cl. 5.3 & Table-1	1.5	2	-	All
	b. Residue on sieve	Cl. 5.3 & Table-1	2	3	-	All
	c. Oil absorption	Cl. 5.3 & Table-1	2	-	-	All
	d. Colour staining power	Cl. 5.3 & Table-1	1	-	-	All
	e. Colour undertone	Cl. 5.3 & Table-1	1	-	-	All
	f. Matter insoluble in water	Cl. 5.3 & Table-1	3	1	-	All
	g. Sum of water soluble Chloride (Cl)	Cl. 5.3 & Table-1	1	-	-	2, 7
	h. Sum of water soluble Sulphate (SO ₄)	Cl. 5.3 & Table-1	2	-	-	2, 7
	i. Acidity or Alkalinity	Cl. 5.3 & Table-1	2	-	50	All
	j. pH of aqueous extract	Cl. 5.3 & Table-1	1	-	-	All
	k. Total Iron (Fe ₂ CO ₃)	Cl. 5.3 & Table-1	5	-	100	1, 2, 3, 4, 7
	l. Ferrous Iron (FeO)	Cl. 5.3 & Table-1	2	-	50	1, 2
	m. Carbonates (CO ₂)	Cl. 5.3 & Table-1	2	-	-	1, 6
	n. Calcium compounds (CaO)	Cl. 5.3 & Table-1	3	-	50	2, 4, 5, 6
	o. Manganese Content (MnO ₂)	Cl. 5.3 & Table-1	3	-	50	5, 6
	p. Loss on ignition	Cl. 5.3 & Table-1	2	4	-	7
20.	Lead Free Material	Cl. 5.4	3	-	50	All
	Report Preparation		1	-	-	-
	Total		-	-	-	-

Testing charges:

- 1 For Grade1: $27.5 \times 300 + 6 \times 9 + 250.00 = \text{Rs.}8554.00$
- 2 For Grade2: $31.5 \times 300 + 6 \times 9 + 300.00 = \text{Rs.}9804.00$
- 3 For Grade3: $23.5 \times 300 + 6 \times 9 + 200.00 = \text{Rs.}7304.00$
- 4 For Grade4: $26.5 \times 300 + 6 \times 9 + 250.00 = \text{Rs.}8254.00$
- 5 For Grade5: $24.5 \times 300 + 6 \times 9 + 200.00 = \text{Rs.}7604.00$
- 6 For Grade6: $26.5 \times 300 + 6 \times 9 + 200.00 = \text{Rs.}8204.00$
- 7 For Grade7: $28.5 \times 300 + 10 \times 9 + 200.00 = \text{Rs.}8840.00$

OIC (QA)

Head (CL)

DDGL

As decided by Competent Authority, the testing charges for the product are

Rs Grade1=8554/-

Grade2=9804/-

Grade3=7304/-

Grade4=8254/-

Grade5=7604/-

Grade6=8204/-

Grade7=8840/-

(Ankita Tripathi)
Sc.B, LPPD

HLPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY

(Q.A. Department)

Our Ref:CL/QA/14:0

2001-06-20

TESTING CHARGES FOR IS: 44:1991 Iron Oxide Pigments for paints

SL.NO.	CHARACTERISTICS	CLAUSE NO.												MAN-HOURS			
														Grades			
		Gr.1	Gr.2	Gr.3	Gr.4	Gr.5	Gr.6	Gr.7	Ty-A	Ty-B	Ty-A	Ty-B	Ty-A	Ty-B			
1.	Composition		5.1		0.5	0.5	0.5		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
2.	Form & Condition		5.2		0.5	0.5	0.5		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
3.	Lead free material		5.4		3	3	3					3	3	3	3	3	3
4.	Requirements	5.3	Table 1														
	i) Volatile matter	1	Sr.i)		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	ii) Residue on sieve		Sr.ii)	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	iii) Oil absorption		Sr.iii)	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	iv) Colour																
	a) Staining powder		iv)a)	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	b) Undertone		iv)b)		1	1	1	1	1	1	1	1	1	1	1	1	1
	v) Matter soluble in water		v)		3	3	3	3	3	3	3	3	3	3	3	3	3
	vi) Sum of water soluble		vi)														
	a) Chloride			Annex A-2	-	1	-	-	-	-	-	-	-	-	-	-	1
	b) Sulphate			Annex A-1	-	2	-	-	-	-	-	-	-	-	-	-	2
	vii)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	viii) pH																
	ix) Total Iron																
	x) Ferrous Iron			x)	2	2	-	-	-	-	-	2	2	-	-	-	-
as	xi)	2	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-
	xii) Cal. Compds			xii)	-	3	-	3	3	3	3	3	3	-	-	-	-
	xiii) Manganese content			xiii)	-	-	-	-	-	3	3	3	3	-	-	-	-
	xiv) Loss on ignition			xiv)	-	-	-	-	-	-	-	-	-	2	-	-	-
	PREPARATION OF TEST REPORT								1	1	1	1	1	1	1	1	1
	Total Time				28	32	24	27	25.5	23.5	23.5	25.5	25.5	27.5			
	TOTAL TIME				27.5	31.5	23.5	26.5	26.5	24.5	24.5	26.5	26.5	28.5			

For Gr.1-28h, Gr.2-31h, Gr.3-24h, Gr.4-27h, Gr.5-25, Gr.6-31h, Gr.7-29h

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are as follows:
Grade 1 : Rs.2100.00

Grade 2	:	Rs.2400.00
Grade 3	:	Rs.1800.00
Grade 4	:	Ty.A Rs.2025.00, Ty.B Rs.2025.00
Grade 5	:	Ty.A Rs.1875.00 Ty.B Rs.1875.00
Grade 6	:	Ty.A Rs.2025.00 Ty.B Rs.2025.00
Grade 7	:	Rs.2175.00

DG

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1988-07-04

TESTING CHARGES FOR IS 50:1980 LEAD AND SCARLET CHROMES

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Form & Condition	3.1	½
2.	Composition	3.2.1	No method specified in ISS
3.	White lead	3.2.2	1½
4.	Freedom from extenders or	3.2.3	No method specified diluents in ISS
5.	Added metallic compounds in case of treated chromes	3.2.4	do
6.	Stability of colour	3.3	4
7.	Lead content (as PbO)	3.4	5
8.	Polybdenum content (In scarlet chromes only)	3.5	3
9.	Volatile matter,	3.6 & i) of Table 1	1
10.	Residue on Sieve	3.6 & ii) "	1½
11.	Oil Absorption	3.6 & iii) "	1
12.	Colour	3.6 & iv) "	½
13.	Staining power	3.6 & v) "	½
14.	Tone	3.6 & vi) "	½
15.	Matter soluble in water	3.6 & vii) "	1
16.	Acidity (H ₂ SO ₄)	3.6 & viii) "	1

17.	Alkalinity (as Na ₂ CO ₃)	3.6 & ix)	"	1
	PREPARATION OF TEST REPORT			1

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges excluding tests at Sl. No. 2, 4 & 5
above for which no tests methods have been specified in ISS are :

For Scarlet Chromes : Rs.1725.00
For Lead chromes : Rs.1500.00

APPROVED BY THE COMPETENT AUTHORITY :

TESTING CHARGES FOR IS: 51:1979 ZINC CHROME FOR PAINTS
(Testing Charges for Type II)

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Form & Condition	5.1 ³	
2.	Composition	5.2 ³	½
3.	Requirements	5.3 Table II	
	i) Volatile matter,	-do-	½
	ii) Residue on sieve	-do-	1
	iii) Oil Absorption	-do-	1
	iv) Colour	-do-	½
	v) Matter insoluble in ammoniacal ammonium chloride solution, percent by mass, Max.	-do-	1
	vi) Combined water percent by mass Max.	-do-	3
	vii) Chromic Anhydride (CrO ₃) Percent by mass, Min.	-do- ³	2½
	viii) Total Zinc Content (as ZnO) Percent by mass.	-do- ³	
	ix) Alkali metal content (as K ₂ O) percent by mass.	-do-	1½
	x) Water soluble Sulphates (as SO ₄) percent by mass, Max.	-do-	1½
	xi) Water soluble chlorides (as Cl) percent by mass Max.	-do-	1½
	xii) Water soluble Nitretes (as NO ₃) percent by mass, Max.	-do-	2

	xiii) Water soluble Chromates (as CrO3)percent by mass	-do-	1
4.	Lead Free Material	5.4	2
	PREPARATION OF TEST REPORT		½

	TOTAL TIME :		20

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are Rs.1500.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1990-06-15

TESTING CHARGES FOR IS: 51:1979 ZINC CHROME FOR PAINTS
 (Testing Charges for Type III)

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Form & Condition	6.1 ³	$\frac{1}{2}$
2.	Composition	6.2 ³	
3.	Requirements	6.3 Table III	
	i) Volatile matter,	-do-	$\frac{1}{2}$
	ii) Residue on sieve	-do-	1
	iii) Oil Absorption	-do-	1
	iv) Colour	-do-	$\frac{1}{2}$
	v) Matter soluble in water percent by mass, Max.	-do-	1 $\frac{1}{2}$
	vi) Matter insoluble in ammoniacal ammonium Chloride solution, per cent by mass, Max.	-do-	1
	vii) Chromic Anhydride (CrO ₃) Percent by mass.	-do- ³	$2\frac{1}{2}$
	viii) Total Zinc Content (as ZnO) Percent by mass.	-do- ³	
	ix) Water soluble Sulphates (as SO ₄) percent by mass, Max.	-do-	1 $\frac{1}{2}$
	x) Water soluble chlorides (as Cl) percent by mass Max.	-do-	1 $\frac{1}{2}$
	xi) Water soluble Nitrates (as NO ₃) percent by mass, Max.	-do-	2
4.	Lead Free Material	6.4	2
	PREPARATION OF TEST REPORT		$\frac{1}{2}$

TOTAL TIME :

16

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are : Rs.1200.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1990-07-10

TESTING CHARGES FOR IS 55:1970 ULTRAMARINE BLUE FOR PAINTS

[TOP](#)

S NO TESTS CLAUSE REF. MAN-HOURS

1. Form & Condition 3.1 3

2.	Composition	3.2	³ ³	1
3.	Identification Test	3.3	³ ³	
4.	Dispersibility	3.4	³	
5.	Free Sulphur Content	3.5		1
6.	Volatile matter, percent by weight, Max.	3.6 Table 1		1
7.	Residue on sieve, percent by weight, Max.	-do-		1½
8.	Oil Absorption	-do-		1
9.	Colour	-do-		½
10.	Staining power and undertone	-do-		½
11.	Matter soluble in water percent by weight, Max.	-do-		1
12.	Alkalinity as (Na ₂ CO ₃), percent by weight, Max.	-do-		1
13.	Fastness to light	-do-		3
14.	Soluble Organic Coloring Matter	-do-		½

PREPARATION OF TEST REPORT

½

TOTAL TIME :

13

 Testing charges per man-hour are Rs. 75.00.
 Hence complete testing charges for the product are Rs.975.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/14:0

2001-08-03

TESTING CHARGES FOR IS: 63:1978 WHITING

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS	
			Type 1	Type 2
1.	Composition	4.1		
	a) Calcium carbonate content	A-1	6	6
	b) Free lime	A-2	1	1
2.	Form & Condition	4.2	0.5	0.5
3.	Putty making property (For type 2 only)	4.3	--	0.5
4.	Volatile matter	4.4, Table 1, S.No.i)	3	3
5.	Residue on sieve	4.4, Table 1, S.No.ii)	3	3
6.	Oil absorption	4.4, Table 1, S.No.iii)	1	1
7.	pH of aqueous extract	4.4, Table 1, S.No.iv)	1	1
8.	Silica	4.4, Table 1, S.No.v)	3	-
9.	Particle shape	4.4, Table 1, S.No.vi)	-	0.5
10.	Settling tendency	4.4, Table 1, S.No.vii)	-	1
11.	Matter insoluble in Hydrochloric acid(1:1)	4.4, Table 1, S.No.viii)	-	2
12.	Alumina & Iron oxide	4.4, table 1, S.No.ix)	-	3
	PREPARATION OF TEST REPORT		1	1
			----	----
		TOTAL TIME	(rounded)	20
		24		

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are as follows:

Type 1: Rs.1500.00

Type 2: Rs.1800.00

DG

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1999-06-07

TESTING CHARGES FOR IS 73:1992 PAVING BITUMENT

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
			Type 1&Type 2
1.	Requirements	6.2	
i)	Specific Gravity at 27deg.C	6.2 Table ½ (IS 1202:78)	2
ii)	Water	6.2 Table ½ (IS 1211:78)	1
iii)	Flash point Cleveland open cup/ pausty Martaus open cup	6.2 Table ½ (IS 1209:78)	2
iv)	Softing point	6.2 Table ½ (IS 1205:78)	2
v)	Penetration at 25 deg.C, and Penetration ratio	6.2 Table ½ (IS 1203:78)	2
vi)	Ductility at 27 deg.C	6.2 Table ½ (IS 120)	5
vii)	Paraffin Wax content	6.2 Table ½ (IS 10512:83)	4
viii)	Frass breaking points	6.2 Table ½ (IS 9381:79)	4
ix)	Loss on heating	6.2 Table ½ (IS 1212:78)	2
	b) Penetration of the residue	6.2 Table ½ (IS 1203:78 & IS 9382:79)	2
x)	Matter soluble in trichlroethylene	6.2 Table ½ (IS 1216:78)	2
xi)	Viscositui at		
	a) 60 deg. Poises	6.2 Table ½ (IS 1206(pt.2):78)	2
	b) 135 deg. Cst	6.2 Table ½ (IS 1206(pt.3):78)	2

PREPARATION OF TEST REPORT

½

TOTAL TIME :

34

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for each type are Rs.2550.00.

- Testing facilities for these tests are not available presently at Central Laboratory.

DG may kindly approve.

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1984-10-30

TESTING CHARGES FOR IS 75:1973 LINSEED OIL RAW AND REFINED

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS					
			Expressed			Solvent Extracted		
1.	Description	4.1 & 4.3	1	1	1	1	1	1
2.	Absence of admixture with other oils	4.3	3	3	3	3	3	3
3.	Moisture and insoluble impurities	4.4 & i) of table 1	1½	1½	1½	1½	1½	1½
4.	Colour in a 1/4" cell on lovibond scale	ii)	1	1	1	1	1	1
5.	Refractive Index at 40°C	iii)	½	½	½	½	½	½
6.	Relative density 30°C/30°C	iv)	1	1	1	1	1	1
7.	Saponification value	v)	2	2	2	2	2	2
8.	Iodine value (Wijs)	vi)	2	2	2	2	2	2
9.	Acid value	vii)	1	1	1	1	1	1
10.	Unspionifiable matter	viii)	2½	2½	2½	2½	2½	2½
11.	Foots	ix)	-	-	2	-	-	-
12.	Freedom from defects	x)	1	1	1	-	-	-

13. Freedom from lead	xi)	4	4	4	-	-	-
14. Flash point Pensky-Martens)	xii)	-	-	-	-	-	1
PREPARATION OF TEST REPORT		$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
Total time		22	22	24	17	17	18

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are as follows.

EXPRESSED

Alkali Refined	: Rs.1650.00
Acid Refined	: Rs.1650.00
Raw Grade 1	: Rs.1800.00
Raw Grade 2	: Rs.1275.00
Solvent Extracted	: Rs.1275.00
Raw	: Rs.1350.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD

[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1984-10-30

TESTING CHARGES FOR IS 77:1976 LINSEED OIL BOILED FOR PAINTS

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Description	4.1	½
2.	Freedom from fish, Hempaseed, Castor & Cottonseed Oils	4.2	2½
3.	Lead-Free Material (When Pb free material is required)	4.3	4
4.	Colour (for Type 2 only)	4.4	½
5.	Rosin Acid content (When Resonate Driers are used)	4.5	4
6.	Relative density at 30°C/30°C	4.6 & i) of Table 1	½
7.	Acid Value	" ii)	½
8.	Saponification Value	" iii)	2
9.	Unsaponifiable matter	" iv)	3
10.	Drying Time	" v)	½
11.	Ash Content	" vi)	1
	PREPARATION OF TEST REPORT		½

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are : Rs.1125.00

For defence (When Resonate driers are used) : Rs.1425.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1987-04-27

TESTING CHARGES FOR IS 104:1979 READY MIXED PAINT, BRUSHING, ZINC CHROME, PRIMING

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Composition	3.1	
	a) Chromic anhydride and Zinc oxide percentage	3.1.1 & Appendix A	2½
	b) Absence of gypsum and calcium	3.1.2	Test method not specified in ISS
2.	Resistance to salt spray	3.2 & Appendix B	2
3.	Mass in kg/10 liters	3.3	½
4.	Drying time, hard dry (For type II only)	3.4 & i) of Table 1	½
5.	Consistency	" & ii) "	½
6.	Finish	" & iii) "	½
7.	Wet opacity	" & iv) "	1
8.	Colour	" & v) "	½
9.	Water content (if water is suspected to be present)	" & vi) "	1
10.	Scratch hardness	" & vii) "	1
11.	Flexibility and adhesion after 48 h air drying	" & viii) "	½
12.	Protection against corrosion under conditions of condensation	" & ix) "	2

S NO	TESTS	CLAUSE REF.	MAN-HOURS
13.	Flash point, °C	" & x) "	1
14.	Keeping properties	" & xi) "	12
	PREPARATION OF TEST REPORT		½

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product (excluding keeping property) are : Rs.1050.00

For keeping property : Rs.975.00

APPROVED BY THE COMPETENT AUTHORITY :

TESTING CHARGES FOR IS 109:1968 READY MIXED PAINT FINISHING PRIMING, PLASTER, TO IS COLOUR NO. 361 LIGHT STONE, AND NO. 631 LIGHT GORY AND OFF WHITE.

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Resistance to alkali	3.2	1
2.	Drying time	3.3 & i) of Table 1	
	a) Surface dry	3	
		3	1½
	b) Hard dry	3	
3.	Constancy	" ii) "	½
4.	Finish	" iii) "	½
5.	Colour	" iv) "	½
6.	Resistance to water	" v) "	1
7.	Flash point, °C	vi) "	1
8.	Wet opacity	" vii) "	½
9.	Water content	3.4	1
10.	Weight in Kg/10 liters	3.5	½
11.	Keeping property (excluding optional requirement)	3.3 & vii) table 1	9
	PREPARATION OF TEST REPORT		½
TOTAL TIME :			9

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are Rs.675.00

For keeping property : Rs.675.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1990-05-08

TESTING CHARGES FOR IS 120:1962 READY MIXED PAINT, BRUSHING
FINISHING SEMI-GLASS FOR GENERAL PURPOSES, TO INDIAN STANDARD
COLOURS, NO. 537, SINGLE REGD NO. 538 POST OFFICE, NO 540 CRIMSON,
NO. 540, MAROON, NO. 570 TRAFFIC RED NO. 574 INDIA
SAFFRON

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Composition		
	a) Ingredients, percent by weight	4.1	
2.	Drying time	4.2 & i) of Table 1	1½
	a) Surface dry	3	
	b) Hard dry	3	
	c) Tech Free	3	
3.	Constancy	" ii) "	½
4.	Finish	" iii) "	½
5.	Colour	" iv) "	½
6.	Fastness to Light	" v) "	3
7.	Protection against corrosion under condition of condensation	" vi) "	2
8.	Flash point, °C	" vii) "	1
9.	Wet opacity	" ix) "	1
10.	Weight in Kg/10 liters	4.3	½
11.	Water content, percent by weight	4.4	1

12. Keeping property 12

PREPARATION OF TEST REPORT ½

TOTAL TIME : -----
12

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are Rs.900.00

For keeping property tests : Rs.900.00

APPROVED BY THE COMPETENT AUTHORITY :

TESTING CHARGES FOR IS 123:1962 READY MIXED PAINT, BRUSHING, FINISHING, SEMI-GLASS, FOR GENERAL PURPOSES, TO INDIAN STANDARD COLOURS, NO. 445, VENETIAN RED NO. 446, RED OXIDE NO 448 DEEP INDIAN RED, AND RED OXIDE (COLOUR UNSPECIFIED)

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Composition		
	a) Ingredients, percent by weight	4.1	
2.	Drying time	4.2 & i) of Table 1	1½
	a) Surface dry	3	
	b) Hard dry	3	
	c) Tech Free	3	
3.	Consistency	" ii) "	½
4.	Finish	" iii) "	½
5.	Colour	" iv) "	½
6.	Fastness to Light	" v) "	3
7.	Protection against corrosion under condition of condensation	" vi) "	2
8.	Flash point, °C	" vii) "	1
9.	Wet opacity	" ix) "	1
10.	Weight in Kg/10 litres	4.3	½
11.	Water content,	4.4	1

12. Keeping property 4.2 & viii) Table 1 12

PREPARATION OF TEST REPORT ½

TOTAL TIME : -----
12

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are : Rs.900.00

For keeping property : Rs.900.00

APPROVED BY THE COMPETENT AUTHORITY :

PAGE 1 OF 2

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/14:0

2001-11-26

TESTING CHARGES FOR IS: 133:1993 ENAMEL, INTERIOR, A) UNDERCOAT B) FINISHING

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS	
			Undercoat	Finishing
1.	Freedom from Yellowing for white paint (approved sample required)	5.2	3	3
2.	Application properties	5.3	1	1
3.	Lead-Restricted material (for defence supplier)	5.4	2.5	2.5
4.	Tabular requirements	Table 1, 5.5		
	i) Water content	Table 1, S.No.i)	1.5	1.5
	ii) Drying time	Table 1, S.No.ii)		
	a) Surface dry	a,b,c	2	2
	b) Hard dry			
	c) Tack free			
	iii) a) Consistency	Table 1, S.No.iii)a)	1.5	1.5
	b) Fineness of grind	Table 1, S.No.iii)b)	0.5	0.5
	iv) Mass in kg/10 litres	Table 1, S.No.iv)	0.5	0.5
	v) Finish			
	a) undercoat finish	Table 1, S.No.v)	0.5	0.5
	b) Gloss 60 deg.	Table 1, S.No.v)	1	1
	vi) Colour	Table 1, S.No.vi)	0.5	0.5
	vii) Fastness to light	Table 1, S.No.vii)	-	4
	viii) Scratch hardness	Table 1, S.No.viii)	1	1
	ix) Flexibility & Adhesion	Table 1, S.No.ix)	1	1
	x) Resistance to water	Table 1, S.No.x)	-	2
	xi) Flash point	Table 1, S.No.xi)	2	2
	xii) Wet opacity	Table 1, S.No.xii)	1	1

PAGE 2 OF 2

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS	
			Undercoat	Finishing
xiii)	Volume solids	Table 1, S.No.xiii)	4	4
xiv)	Accelerated storage Stability test	Table 1, S.No.xiv)	5	5
xv)	Phthalic Anhydride	5.6	6	6

	PREPARATION OF TEST REPORT	1.5	1.5
		----	-----
	TOTAL TIME	36	42
5.	Keeping properties	Table 1, S.No.xv)	
	i) Storage	1	1
	ii) Skining	0.5	0.5
	iii) Settling	0.5	0.5
	iv) Condition of sample after mixing	0.5	0.5
	v) Grain	2.5	2.5
	vi) Mass	0.5	0.5
	PREPARATION OF TEST REPORT	0.5	0.5
		----	-----
	TOTAL TIME	6	6

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are as follows:

For initial testing:

Under coat Rs.2700.00

Finishing coat Rs.3150.00

For Keeping properties:

Under coat Rs.450.00

Finishing coat Rs.450.00

DG may kindly approve.

(V.K. Sethi)

TS(QA)

D&H(QA)

DDGL

ADGT

DG

REVISED TESTING CHARGES ARE PLACED BELOW:



BUREAU OF INDIAN STANDARDS
[Laboratory Policy & Planning Deptt.]

Our Ref: LPPD/51:2

04.09.2015

Subject: Revision of BIS Testing Charges

BIS Testing Charges for Nine ISs pertaining to Paints products have been reviewed and as decided by CA, the revised testing charges of these products are given in Annex-1. The revised BIS testing charges for these product shall be effective from 01.09.2015 and applicable for samples sent to BIS Labs for testing after 31.08.2015.

The above revised testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates.

All BIS Labs/ROs/BOs are advised to note the above for implementation by the said date.

Encl: as above

(Dileep Kumar)
Head (LPPD)

Sc.-G & DDG (Labs)

Circulated to all Heads of BIS Labs/ROs/BOs/DDG (Cert.)/CMDs/DDGF

Copy to: H (ITS) – With a request to get the circular hosted on BIS Intranet

BIS Laboratory Policy & Planning Deptt.

Ref: LPPD/51:2

31.08.2015

**Subject: Testing Charges for Enamel, Interior: (a) Undercoating (b)
as per IS 133 (Part 1) :2013**

Requirement / Characteristic	IS/ Clause	Man-Hours	Man-Hour	Man-Hour Cost of testing (@ Rs. 300)	Power Consumption (in KWh)	Cost of Power @ Rs 9 per unit	Consumables required (Approx Cost in Rs.)
2	3	4	5	6	7	8	9
		Undercoat	Finishing				
Total Non-Volatile Content	5.2	1.5 hour	1.5 hour	450	4	36	-
Condition in Container	5.3						
At Delivery	5.3.1	10 min	10 min	50	-	-	-
During Storage	5.3.2	10 min	10 min	50	-	-	-
Freedom from Coarse Particle	5.4	10 min	10 min	50	-	-	-
Skin Formation	5.5	5 min	5 min	25	-	-	-
Thinning Properties	5.6	10 min	10 min	50	-	-	25

Freedom from Yellowing	5.7	-	30 min	150 (only for finishing type)	-	-	25 (only for finishing type)
Lead Restriction	5..8.1	2.5 hrs	2.5 hrs	750	5	45	50
Drying Time							
Surface Dry	5.9, 8.1, Table 1, S.No. i) a)	30 min	30 min	150	*	#	50
hard Dry	5.9, 8.1, Table 1, S.No. i) b)	15 min	15 min	75	*	#	
Tack free	5.9, 8.1, Table 1, S.No. i) c)	15 min	15 min	75	*	#	
Mass, in kg/10 litre	5.9, 8.1, Table 1, S.No. ii)	30 min	30 min	150	-	-	-
Consistency	5.9, 8.1, Table 1, S.No. iii), a)	30 min	30 min	150	-	-	-
Viscosity by Ford Cup No. 4 at 27 ± 2° C	5.9, 8.1, Table 1, S.No. iii), b)	1 hour	1 hour	300	-	-	-
Finish	5.9, 8.1, Table 1, S.No. iv), a)	15 min	15 min	75	*	#	50
Gloss 60°	5.9, 8.1, Table 1, S.No. iv), b)	30 min	30 min	150	*	#	50
Fineness of Grind	5.9, 8.1, Table 1, S.No. v)	30 min	30 min	150	-	-	-

Colour	5.9, 8.1, Table 1, S.No. vi)	15 min	15 min	75	*	#	50
Wet Opacity	5.9, 8.1, Table 1, S.No. vii)	45 min	45 min	225	-	-	-
Fastness to Light	5.9, 8.1, Table 1, S.No. viii)	-	1 hour	300 (only for finishing type)	150	1350	50 (only for finishing type)
Resistance to Water	5.9, 8.1, Table 1, S.No. ix)	-	2.5 hour	750 (only for finishing type)	*	#	50 (only for finishing type)
Flexibility and adhesion							
Scratch Hardness	5.9, 8.1, Table 1, S.No. x), a)	30 min	30 min	150	*	#	50
Bend Test	5.9, 8.1, Table 1, S.No. x), b)	30 min	30 min	150	*	#	50
Flash point	5.9, 8.1, Table 1, S.No. xi)	45 min	45 min	225	1	9	
Volume Solids	5.9, 8.1, Table 1, S.No. xii)	1 hour	1 hour	300	6	54	-
Accelerate Storage Stability Test	5.9, 8.1, Table 1, S.No. xiii)	3.5 hrs	3.5 hrs	1050	96	864	-
	TOTAL	16.25 hrs	20.25 hrs	Undercoat - Rs. 4875, Finishing - Rs. 6075	307 KWh	Rs. 2763	Undercoat - 375, Finishing - 500
					307/4 = 76.75 KWh = 77 KWh, Considering testing of 4 samples in a batch	Rs. 2763/4 = Rs. 690.75 = Rs. 691, Considering testing of 4 samples in a batch	

Keeping Properties							
Skinning Test	5.9, 8.1, Table 1, S.No. xiv)	5 min	5 min	25	-	-	-
Settling	-do-	30 min	30 min	150	-	-	-
Examination for Grains	-do-	10 min	10 min	50	-	-	-
Mass, in kg/10 litre	-do-	30 min	30 min	150	-	-	-
	TOTAL	1.25 hrs	1.25 hrs	Undercoat - Rs. 375, Finishing - Rs. 375	-	-	-
Pthalic Anhydride Content of Non-Volatile Vehicle (Optional Requirement)	5. 10	2 hrs	2 hrs	600	2	18	50
* Power Consumption for all the requirements in aggregate = 45 KWh,	TOTAL Testing Charges	Initial Testing Charges					
		For Undercoat = Rs. (4875+691+375) = Rs. 5,941= Rs. 5,950. For Finishing = Rs. (6075+691+500) = Rs. 7266= Rs. 7270.					
# Cost of Power Consumption for all the requirements in aggregate = Rs. 405/-		For Synthetic Enamel, Interior (With Pthalic Anhydride):					
		i) For Undercoat = (18.25X300 = 5475+709+425) = Rs. 6609 = Rs. 6610. ii) For Finishing = (22.25X300 = 6675+709+550) = Rs. 7934 = Rs. 7940.					

		Keeping Properties Only (For both, Undercoat & Finishing) = Rs. 375.
		Test Report Preparation Charges = Rs. 300.

DDG (Labs) may kindly

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Varsha Gupta
Sc.-C (LPPD)

Head (LPPD)

DDG (Labs)

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1990-07-20

TESTING CHARGES FOR IS 158:1981 READY MIXED PAINT, BRUSHING,
BITUMINOUS BLACK HEAD FREE, ACID, ALKALI HEAT RESISTING
TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Water Content	3.2	1
2.	Mass in kg/10 litres	3.3	½
3.	Resistance to heat	3.4	1
4.	Drying time,	3.5 i) of Table 1	1½
5.	Consistency	" ii) "	½
6.	Finish	" iii) "	½
7.	Wet Opacity	" iv) "	1
8.	Colour	" v) "	½
9.	Flexibility & Adhesion	" vi) "	½
10.	Stripping test	" vii) "	½
11.	Protection against corrosion under condition of condemnation	" viii) "	2
12.	Volatile matter, percent by mass, Max.	" ix) "	1
13.	Resistance to acid	" x) "	1
14.	Resistance to Alkali,	" xi) "	1
15.	Flash Point	" xii) "	1

16.	Leao free material	3.6		2
17.	Keeping property	3.5	xiii) "	17
	PREPARATION OF TEST REPORT			½

TOTAL TIME : 17

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are : Rs.1275.00

For keeping property : Rs.1125.00

APPROVED BY THE COMPETENT AUTHORITY :

NOTE : REVISED TESTING CHARGES ARE PLACED BELOW:



BUREAU OF INDIAN STANDARDS
[Laboratory Policy & Planning Deptt.]

Our Ref: LPPD/51:2

04.09.2015

Subject: Revision of BIS Testing Charges

BIS Testing Charges for Nine ISs pertaining to Paints products have been reviewed and as decided by CA, the revised testing charges of these products are given in Annex-1. The revised BIS testing charges for these product shall be effective from 01.09.2015 and applicable for samples sent to BIS Labs for testing after 31.08.2015.

The above revised testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates.

All BIS Labs/ROs/BOs are advised to note the above for implementation by the said date.

Encl: as above

(Dileep Kumar)
Head (LPPD)

Sc.-G & DDG (Labs)

Circulated to all Heads of BIS Labs/ROs/BOs/DDG (Cert.)/CMDs/DDGF

Copy to: H (ITS) – With a request to get the circular hosted on BIS Intranet

BIS Laboratory Policy & Planning Deptt.

Ref: LPPD/51:2

31.08.2015

Subject: Testing Charges for Ready Mixed Paint for Brushing, Bituminous, Black, Lead Free, Acid, Alkali and Heat Resisting as per IS 158:1981

S. No.	Requirement / Characteristic	IS/ Clause	Man-Hour	Man-Hour Cost of testing (@ Rs. 300)	Power Consumption (in KWh)	Cost of Power @ Rs 9 per unit	Consumables required (Approx Cost in Rs.)
1	2	3	5	6	7	8	9
1	Water Content	3.2	30 min	150	*	#	50
2	Mass, in kg/10 litre	3.3	30 min	150	-	-	-
3	Resistance to Heat	3.4	1 hour	300	*	#	50
4	Drying Time - Hard Dry	3.5, 6.1, Table 1, S.No. i)	15 min	75	*	#	50
5	Consistency	3.5, 6.1, Table 1, S.No. ii)	30 min	150	-	-	-
6	Finish	3.5, 6.1, Table 1, S.No. iii)	15 min	75	*	#	50
7	Wet Opacity	3.5, 6.1, Table 1, S.No. iv)	45 min	225	-	-	-
8	Colour	3.5, 6.1, Table 1, S.No. v)	15 min	75	*	#	50
9	Flexibility & Adhesion	3.5, 6.1, Table 1, S.No. vi)	30 min	150	-	-	50
10	Stripping Test	3.5, 6.1, Table 1, S.No. vii)	30 min	150	-	-	50
11	Protection against corrosion under conditions of condensation	3.5, 6.1, Table 1, S.No. viii)	2.5 hrs	750	-	-	-

12	Volatile Matter	3.5, 6.1, Table 1, S.No. ix)	1.5 hrs	450	-	-	-
13	Resistance to Acid	3.5, 6.1, Table 1, S.No. x)	1 hour	300	*	#	50
14	Resistance to Alkali	3.5, 6.1, Table 1, S.No. xi)	1 hour	300	*	#	50
16	Flash point	3.5, 6.1, Table 1, S.No. xii)	45 min	225	1	9	
17	Keeping Properties	5.3, 8.1, Table 1, S.No. xiii)					
i)	Skinning Test	-do-	5 min	25	-	-	-
ii)	Settling	-do-	30 min	150	-	-	-
iii)	Examination for Grains	-do-	10 min	50	-	-	-
iv)	Mass, in kg/10 litre	-do-	30 min	150	-	-	-
18	Lead Free Material	3.6	2.5 hrs	750	5	45	50
TOTAL							
		For Initial Testing	14.25 hrs	Rs. 4,275	41 KWh, 41/4 = 10.25 KWh = 11	Rs. 369, 369/4 = Rs. 92.25 = Rs.	Rs. 500
		Only Keeping Properties	1.25 hrs	Rs. 375	-	-	-
* Power Consumption for all the		Power Consumption has been calculated considering 4 samples in a batch					

requirements in aggregate = 35 KWh	TOTAL Testing Charges	For Initial Testing = Rs. (4275+95+500) = Rs. 4,870
# Cost of Power Consumption for all the requirements in aggregate = Rs. 315		Only Keeping Properties Testing = Rs. 375
		Preparation of Test Report = Rs. 300.

DDG (Labs) may kindly approve.

Varsha Gupta
Sc.-C (LPPD)

Head (LPPD)
DDG (Labs)

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1994-09-08

TESTING CHARGES FOR IS 163:1978 READY MIXED PAINT,
DIPPING FIRE RESISTING.

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Composition	4.1, 4.1.1 & 4.2	1
2.	Drying time	4.3	1
3.	Flexibility & Adhesion	4.4	2
4.	Fire Resisting properties	4.5	2
5.	Durability	4.6	6
6.	Requirements as per Table 1		
	a) Consistency	³	
	b) Finish	³	
	c) Wet opacity	³ 4.7	2
	d) Colour	³	
	c) Residue on Sieve	³	
	f) Water content	³	
7.	Keeping Property		16
	PREPARATION OF TEST REPORT		½
TOTAL TIME :			16

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are as follows.

For complete testing of product : Rs.1200.00

For keeping property : Rs.1200.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1993-12-03

TESTING CHARGES FOR IS 164:1981 READY MIXED PAINT,
DIPPING FIRE RESISTING

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Composition	5.1	(Method of testing not specified)
2.	Durability	5.2	8
3.	Requirements as per Table 1:	5.3	
	i) Drying Time		
	a) Surface dry		½
	b) Hard dry		
	ii) Consistency		½
	iii) Finish		½
	iv) Application		
	v) Colour		1
	vi) Wet Opacity		½
	vii) Resistance to bleeding		1
	viii) Recoating property		½
	ix) Resistance to wear		2½
	x) Residue on sieve		1½
	xi) Flash point, °C		1
	xii) Keeping properties		19
7.	Mass, in kg/10 litres.	5.4	½
	PREPARATION OF TEST REPORT		½

TOTAL TIME :

19

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are Rs.1425.00

For keeping property : Rs.1425.00

APPROVED BY THE COMPETENT AUTHORITY :

NOTE: REVISED TESTING CHARGES ARE PLACED BELOW:



BUREAU OF INDIAN STANDARDS
[Laboratory Policy & Planning Deptt.]

Our Ref: LPPD/51:2

04.09.2015

Subject: Revision of BIS Testing Charges

BIS Testing Charges for Nine ISs pertaining to Paints products have been reviewed and as decided by CA, the revised testing charges of these products are given in Annex-1. The revised BIS testing charges for these product shall be effective from 01.09.2015 and applicable for samples sent to BIS Labs for testing after 31.08.2015.

The above revised testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates.

All BIS Labs/ROs/BOs are advised to note the above for implementation by the said date.

Encl: as above

(Dileep Kumar)
Head (LPPD)

Sc.-G & DDG (Labs)

Circulated to all Heads of BIS Labs/ROs/BOs/DDG (Cert.)/CMDs/DDGF

Copy to: H (ITS) – With a request to get the circular hosted on BIS Intranet

BIS Laboratory Policy & Planning Deptt.

Ref: LPPD/51:2

31.08.2015

**Subject: Testing Charges for Ready Mixed Paint for Road Marking as per
IS 164**

Requirement / Characteristic	IS/ Clause	Man-Hour	Man-Hour Cost of testing (@ Rs 300)	Power Consumption (in KWh)	Cost of Power @ Rs 9 per unit	Consumables required (Approx Cost in Rs.)
2	3	5	6	7	8	9
Durability	5.2	2.5 hrs	750	36	324	50
Drying Time on Bituminous Surface						
Surface Dry	5.3, 8.1, Table 1, S.No. i), a)	30 min	150	*	#	50
hard Dry	5.3, 8.1, Table 1, S.No. i), b)	15 min	75	*	#	
Consistency	4.1, 5.3, 8.1, Table 1, S.No. ii)	30 min	150	-	-	-
Finish	5.3, 8.1, Table 1, S.No. iii)	15 min	75	*	#	50
Application Properties	5.3, 8.1, Table 1, S.No. iv)	15 min	75	-	-	25
Colour	5.3, 8.1, Table 1, S.No. v)	15 min	75	*	#	50
Wet Opacity	5.3, 8.1, Table 1, S.No. vi)	45 min	225	-	-	-
Resistance to Bleeding	5.3, 8.1, Table 1, S.No. vii)	30 min	150	*	#	25
Recoating Properties	5.3, 8.1, Table 1, S.No. viii)	15 min	75	-	-	25
Resistance to Wear	5.3, 8.1, Table 1, S.No. ix)	1.5 hour	450	18	162	-

Residue on Sieve (on dry material)	5.3, 8.1, Table 1, S.No. x)	30 min	150	-	-	-
Flash point	5.3, 8.1, Table 1, S.No. xi)	45 min	225	1	9	
Keeping Properties	5.3, 8.1, Table 1, S.No. xii)					
Skinning Test	-do-	5 min	25	-	-	-
Settling	-do-	30 min	150	-	-	-
Examination for Grains	-do-	10 min	50	-	-	-
Mass, in kg/10 litre	-do-	30 min	150	-	-	-
Mass, in kg/10 litre	5.4	30 min	150	-	-	-
Optional requirement for ECO-Mark	5.5					
General Requirements	5.5.1	As above				
Volatile Organic Compound	5.5.2.1	2 hrs	600	2	18	250
Toxic Metals such as Lead, Cadmium and Chromium	5.5.2.2	6 hrs	1800	10	90	
	TOTAL					
	For Initial Testing	9.25 hrs	Rs. 2,775	75 KWh, 75/4 = 18.75 KWh = 19	Rs. 675, 675/4 = Rs. 168.75 = Rs. 170	Rs. 275
	Only Keeping Properties	1.25 hrs	Rs. 375	-	-	-

	For Initial Testing With ECO-Mark Requirements (Excluding Keeping Properties)	17.25 hrs	Rs. 5,175	87 KWH, 87/4 = 21.75 KWh= 22 KWh	Rs. 783, 783/4 = Rs. 195.75 = Rs. 196	Rs. 525
* Power Consumption for all the requirements in aggregate = 20 KWh	Power Consumption has been calculated considering 4 samples in a batch					
# Cost of Power Consumption for all the requirements in aggregate = Rs. 180	TOTAL Testing Charges	For Initial Testing = Rs. (2775+170+275) = Rs. 3,220				
		Keeping Properties Only = Rs. 375				
		For Initial Testing With ECO-Mark Requirements = Rs. (5175+196+525) = Rs. 5896 = Rs. 5900 (Excluding Keeping Properties)				
		Preparation of Test Report = Rs. 300.				

DDG (Labs) may kindly approve.

Varsha Gupta

Sc.-C (LPPD)

Head (LPPD)

DDG (Labs)

OUR REF : LAB/14:0

1993-12-03

TESTING CHARGES FOR IS 164:1981 READY MIXED FOR ROAD MARKING
[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Composition (Absence of gypsum and calcium sulphate)	5.1	(Method of testing not specified)
2.	Durability	5.2	8
3.	Requirements as per Table 1:	5.3	
	i) Drying Time (on bituminous surface)		
	a) Surface dry		½
	b) Hard dry		
	ii) Consistency		½
	iii) Finish		½
	iv) Application		½
	v) Colour		1
	vi) Wet Opacity		½
	vii) Resistance to bleeding		1
	viii) Recoating property		½

ix) Resistance to wear		2½
x) Residue on sieve		1½
xi) Flash point, °C		1
xii) Keeping properties		19

7. Mass, in kg/10 litres. 5.4 ½

PREPARATION OF TEST REPORT ½

TOTAL TIME : 19

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are : Rs.1425.00

For keeping properties : Rs.1425.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0
TESTING CHARGES FOR IS 168:1973 READY MIXED PAINT, AIR DRYING, SEMI
GLOSSY/MATT, FOR GENERAL PURPOSES

1993-12-03

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Composition (Absence of gypsum and calcium sulphate)	4.1	(Method for testing not given in specification)
2.	Water content	4.2	1

3.	Mass, in kg/10 litres	4.3		$\frac{1}{2}$
4.	Lead restriction (for lead restricted material only)	4.5		2
5.	Gloss (Spicular reflection values)	4.6		$\frac{1}{2}$
6.	Impact resistance (for material for defence use only)	4.7		2
7.	Durability (For material for defence use only)	4.8		$7\frac{1}{2}$
8.	Drying Time	4.9 &	i) of Table 1	
	a) Surface dry			$1\frac{1}{2}$
	b) Hard dry			
	c) Tack free			
9.	a) Consistency	"	ii) "	$\frac{1}{2}$
	b) Viscosity			1
10.	Finish	"	iii) "	$\frac{1}{2}$
11.	Fineness of grind	"	iv) "	$\frac{1}{2}$
12.	Colour	"	v) "	$\frac{1}{2}$
13.	Fastness to light	"	vi) "	3
14.	Scratch hardness	"	vii) "	1
15.	Pressure Test (18 h after application)	"	viii) "	$\frac{1}{2}$
16.	Flexibility and adhesion after 48 h air drying.	"	ix) "	1
17.	Protection against corrosion under conditions	"	x) "	2

of condensation

18.	Resistance to lubricating oil	"	xi)	"	1
19.	Resistance to petroleum hydrocarbon solvent 145/205 (low aromatic)	"	xii)	"	1
20.	Flash Point, °C	"	xiii)	"	1
21.	Wet Opacity	"	xiv)	"	½
22.	Keeping properties				

TOTAL TIME :

29

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are Rs.2250.00

For keeping property : Rs.2100.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1993-12-03

TESTING CHARGES FOR IS 171:1985 COTTON AND COTTON
REGENERATED CELLULOSIC FIBRE BLENDED GRAY YARN.

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Count of yarn	4.1.1	1
2.	Lee Breaking Load & CSP	4.1.2 & 4.1.2.1 4.1.2.2	2
3.	Evanesce of Yarn (Uster percentage value)	4.1.3	1
4.	Yarn Appearance	4.1.4	½
5.	Twist in Yarn	4.1.5	1
6.	Freedom from defects	4.1.6	½
7.	*CSP of two fold yarn	4.2.2	½
8.	*Ply twist of two fold yarn	4.2.3	½
9.	Moisture Regain	4.3	1
10.	Regenerated Cellulosic Fibre, %	4.4.1	1½

11. Marking and Packing 5 & 6 ½

PREPARATION OF TEST REPORT ½

* Applicable for two fold yarn.

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are as follows

For Single Yarn : Rs.750.00

For Two fold Yarn : Rs.825.00

APPROVED BY THE COMPETENT AUTHORITY :

The revised BIS testing charges for IS 175:1989 effective from 15-04-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref:LPPD/51:1

08-03-2016

TESTING CHARGES FOR SHEETING, TICKINGS & BEDSHEETS AS PER IS 175:1989.

Sl. No.	Characteristics	Clause no.	Man-Hours	Electricity power Consumed kwh	Cost of consumable including reference material wherever applicable
1.	Fibre content	3.1& 3.1.1	4	1x1.5kw	
2.	Yarn	3.2	0.5		
3.	Fabric construction	3.3, Table 1			
	i) Fibre content	Col.2	Pl. see Sl.No.1		
	ii) Count of yarn	Col.3&4			
	a)Warp		2		
	b)Weft				
	iii) Weave	Col.5	0.5		
	iv) Ends	Col.6	2		
	v) Picks	Col.7			
	vi) Mass	Col.8	1	6x1.5kw	
	vii) Dimensions	Col.9	0.5		
4.	Freedom from defects	3.4	1	0.5x0.5kw	
5.	Fabric properties	3.5, Table 2			
	i) Breaking load				
	a)Wrap	Col.2&3	3	6x1.5kw	
	b)Weft				
	ii) Dimensional change (Shrinkage/Elongation)	Col.4&5	1	6x1.5kw	
	iii) Scouring loss	Col.6	3	4x1.5kw	
	iv) pH value	Col.7	1	0.5x0.5kw	
	v) Resistance to pilling	Col.8	1		

6.	Colour fastness requirement	3.5 & Table 3		
	i) Light	Sl.i)	4	24x1kw
	ii) Washing			
	a) Change of colour	Sl.ii)	2	2x1.5kw
	b) Staining of adjacent fabric		1	
	iii) Bleaching	Sl.iii)	1	
	iv) Rubbing			
	a) Dry	Sl.iv)	4	
	b) Wet			
	v) Perspiration, acidic & Alkaline	Sl.v)		
	a) Change of colour		3	
	b) Staining of adjacent cloth			
7.	Bed sheets		4	
	i) Fabric		4.1	
	ii) Sewing threads	Pl.see IS 1720:78	4.2	
	iii) Hems		4.3	1
	iv) Side edges		4.4.	0.5
	v) Sewing		4.5	1.5
8.	Dimensions	4.6 & table 4	1	
	PREPARATION OF TEST REPORT		0.5	

TOTAL	TIME	39h	62 units
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Testing charges per man-hour are Rs.300.00 + Rs.9.00 per unit of electricity charges.

Total Rs.300x39+9x62 = Rs.12258 (rounded by **Rs.12260.00**) except for sewing threads at Sl.No.7 (ii) for which testing charges shall be as relevant ISS.

DDGL may kindly approve.

(P. Rajesh)
Sc.E, LPPD

Head, LPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/79

28 Sept 2004

TESTING CHARGES FOR SHEETING, TICKINGS & BEDSHEETS AS PER IS 175:1989.

Sl. No.	Characteristics	Clause no.	Man-Hours	Electricity power Consumed kwh	Cost of consumable including reference material wherever applicable
1.	Fibre content	3.1& 3.1.1	4	1x1.5kw	
2.	Yarn	3.2	0.5		
3.	Fabric construction	3.3, Table 1			
	i) Fibre content	Col.2	Pl. see Sl.No.1		
	ii) Count of yarn	Col.3&4			
	a)Warp		2		
	b)Weft				
	iii) Weave	Col.5	0.5		
	iv) Ends	Col.6	2		
	v) Picks	Col.7			
	vi) Mass	Col.8	1	6x1.5kw	
	vii) Dimensions	Col.9	0.5		
4.	Freedom from defects	3.4	1	0.5x0.5kw	
5.	Fabric properties	3.5, Table 2			
	i) Breaking load				
	a)Wrap	Col.2&3	3	6x1.5kw	
	b)Weft				
	ii) Dimensional change (Shrinkage/Elongation)	Col.4&5	1	6x1.5kw	

	iii) Scouring loss	Col.6	3	4x1.5kw
	iv) pH value	Col.7	1	0.5x0.5kw
	v) Resistance to pilling	Col.8	1	
6.	Colour fastness requirement	3.5 & Table 3		
	i) Light	Sl.i)	4	24x1kw
	ii) Washing			
	a) Change of colour	Sl.ii)	2	2x1.5kw
	b) Staining of adjacent fabric		1	
	iii) Bleaching	Sl.iii)	1	
	iv) Rubbing			
	a) Dry	Sl.iv)	4	
	b) Wet			
	v) Perspiration, acidic & Alkaline	Sl.v)		
	a) Change of colour		3	
	b) Staining of adjacent cloth			
7.	Bed sheets	4		
	i) Fabric	4.1		
	ii) Sewing threads	4.2	Pl.see IS 1720:78	
	iii) Hems	4.3	1	
	iv) Side edges	4.4.	0.5	
	v) Sewing	4.5	1.5	
8.	Dimensions	4.6 & table 4	1	
	PREPARATION OF TEST REPORT		0.5	
	TOTAL	TIME	39h	62 units

Testing charges per man-hour are Rs.75.00 + Rs.4.00 per unit of electricity charges.

Total Rs.75x39+4x62 = Rs.3173, rounded by Rs.3175.00 except for sewing threads at Sl.No.7 (ii) for which testing charges shall be as relevant ISS.

The proposal is made on the basis of information received from testing lab.

DDGL may kindly approve.

(B.M. Gupta)
TS(QA)

D&H(QA)
DDGL

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1987-03-17

TESTING CHARGES FOR IS 187:1978 COTTON LONG CLOTH

[TOP](#)

S NO	TESTS	CLAU	SE REF.	MAN-HOURS
1.	Manufacture	2		1
2.	Count of yarn	3.1	& Table 1	1
3.	End/Picks	"	"	1
4.	Mass	"	"	½
5.	Breaking load	"	"	2
6.	Length & Width	"	"	½
7.	Weave	"	"	½
8.	Colour fastness to a) Light b) Washing	3.2	&i) of Table2 Facilities presently not available at CL	
9.	Scouring loss	"	ii) "	1
10	pH value	"	iii) "	1
11.	Shrinkage or elongation	"	iv) "	1
12.	Residual starch	"	v) "	2½
13.	Water solubles (For bleached cloth only)	"	vi) "	1
14.	Ash content (after removal of water soluble matter)	"	vii) "	1
OPTIONAL				
15.	Blend composition (for blended fabric)	"	viii) "	As per relevant ISS
PREPARATION OF TEST REPORT				½

TOTAL TIME :

15

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges excluding optional
requirement are Rs. 1125.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1991-03-05

TESTING CHARGES FOR IS 191(Pt-4):1980 COPPER, PART 4-CATHODE COPPER
(THIRD REVISION)

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Chemical composition	4	
	a) Copper + Silver		3
	b) Bismuth		3
	C) Lead		2
	d) Total of metallic impurities excluding siliver		2
2.	Physical condition	5	½
3.	Size, Mass & Dimension	6	½
	PREPARATION OF TEST REPORT		½
	TOTAL TIME :		12

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are Rs.900.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1991-03-05

TESTING CHARGES FOR IS 191(Pt-5):1980 COPPER, PART 5,
ELECTROLYTIC TOUGH PITCH COPPER(ETP) (THIRD REVISION)

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Chemical composition	4	
	a) Copper + Silver		3
	b) Bismuth		3
	c) Lead		2
	d) Total of all impurities excluding siliver & oxygen		2
2.	Physical condition	5	½
3.	size, Mass & Dimension	6	½
4.	Resistivity	7	2
	PREPARATION OF TEST REPORT		½

TOTAL TIME :

12

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product excluding test at Sl.
No. 4 are Rs. 900.00

Charges for conducting resistivity (if separate sample supplied)
Rs.150.00 as per Cl. 7.2 of IS 19(Pt 5) : 1980.

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

TESTING CHARGES FOR IS 191(Pt-6):1980 COPPER, PART-6, FIRE REFINED
HIGH CONDUCTIVITY COPPER (FRHC) (THIRD REVISION)

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Chemical composition	4	
	a) Copper + Silver		3
	b) Bismuth		3

C) Lead		2
d) Total of all impurities excluding silver & oxygen		2
2. Physical condition	5	½
3. Size, Mass & Dimension	6	½
4. Resistivity	7	2
PREPARATION OF TEST REPORT		½

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product excluding test at Sl.
No. 4 are Rs.900.00

Charging for conducting resistivity (if separate sample is supplied as
per Cl. 7.2 of IS 191(Pt-5):1980 are Rs. 150.00

APPROVED BY THE COMPETENT AUTHORITY :

The revised BIS testing charges for IS 204 (Pt-1):1992 effective from 15-04-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES FOR IS: 204 (Pt-1):1992 TOWER BOLTS FERROUS METALS

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Material	4.1&10.5 Table 3	
	a)Mild Steel Sheets	IS 1079or IS 513	
	b)Mild Steel Bars	IS 1977 *	
	c)Cast Iron	IS 210	
2.	Manufacture	5	2.5
3.	Dimensions	6	
4.	Finish	7.1	3
	PREPARATION OF TEST REPORT		1

	TOTAL TIME (Rounded)		7

Testing charges per man-hour are Rs.300.00. Hence complete testing charges for the product are Rs.2100.00.

- Materials shall be tested as per relevant ISS's and testing charges as specified for the relevant ISs shall be applicable.

DDGL may kindly approve.

(Anurita)
Sc.C, LPPD

Head, LPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/14:0

2001-06-13

TESTING CHARGES FOR IS: 204 (Pt-1):1992 TOWER BOLTS FERROUS METALS

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Material	4.1&10.5 Table 3	
	a)Mild Steel Sheets	IS 1079or IS 513	
	b)Mild Steel Bars	IS 1977 *	
	c)Cast Iron	IS 210	
2.	Manufacture	5	2.5
3.	Dimensions	6	
4.	Finish	7.1	3
	PREPARATION OF TEST REPORT		1

	TOTAL TIME (Rounded)		7

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are Rs.525.00.

- Materials shall be tested as per relevant ISS's and testing charges shall be as follows:**
 - IS 1079:Rs.1950.00**
 - IS 513 :Rs.1200.00**
 - IS 1977:Rs. 900.00**
 - IS 210 :Rs. 975.00**

DG

The revised BIS testing charges for IS 204 (Pt-2):1992 effective from 15-04-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES FOR IS: 204 (Pt-2):1992 TOWER BOLTS NON-FERROUS METALS

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Material	4&9.5 Table 3 IS 1285 IS 733 IS 410 IS 292 IS 319 IS 742	*
2.	Manufacture	5.1	0.5
3.	Particulars	5.2	
4.	Dimensions	6	2.5
5.	Finish	7.1	3
	PREPARATION OF TEST REPORT		1

	TOTAL TIME		7

Testing charges per man-hour are Rs.300.00. Hence complete testing charges for the product are Rs.2100.00.

- Materials shall be tested as per relevant ISS's and testing charges as specified for the relevant ISs shall be applicable.

DDGL may kindly approve.

(Anurita)
Sc.C, LPPD

Head, LPPD
DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/14:0

2001-06-13

TESTING CHARGES FOR IS: 204 (Pt-2):1992 TOWER BOLTS NON-FERROUS METALS

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Material	4&9.5 Table 3 IS 1285 IS 733 IS 410 IS 292 IS 319 IS 742	*
2.	Manufacture	5.1	0.5
3.	Particulars	5.2	
4.	Dimensions	6	2.5
5.	Finish	7.1	3
	PREPARATION OF TEST REPORT		1

	TOTAL TIME		7

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are Rs.525.00.

- Materials shall be tested as per relevant ISS and testing charges shall be as follows:
 - IS 1285:Rs.1575.00
 - IS 733 :Rs.1875.00
 - IS 410 :Rs.1125.00
 - IS 292 :Rs. 675.00
 - IS 319 :Rs. 825.00
 - IS 742 :Rs.1950.00

DG may kindly approve.

(V.K. Sethi)
TS(QA)

D&H(QA)
DDGL
ADGT
DG

The revised BIS testing charges for IS 205:1992 effective from 15-05-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES FOR IS: 205:1992 NON FERROUS METAL BUTT HINGES

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Material (if provided separately)	4	
	a) Flap	Table 1	As per IS 733, 319, 292 &
		410	
	b) Pin	Table 2	As per Is 733, 739, 7608 286, 4413 & 6528
2.	Dimensions	5	1.5
3.	Manufacturer	6	1.5
4.	Workmanship & finish	7	
	a) Workmanship		0.5
	b) Finish (anodic coating test)		As per Gr. AC10 of IS 1868:98

PREPARATION OF TEST REPORT

1

TOTAL TIME

5

Testing charges per man-hour are Rs.300.00. Hence complete testing charges for the product are **Rs.1500.00** excluding material test and Anodic coating test.

Testing charges for material as per relevant IS and Anodic coating test as per IS 1868:98 have been fixed separately.

DDGL may kindly approve.

(Anurita)

LPPD

Sc.C,

Head, LPPD

DDG(Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/14:0

2003-08-06

TESTING CHARGES FOR IS: 205:1992 NON FERROUS METAL BUTT HINGES

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Material (if provided separately)	4	
	a) Flap	Table 1	As per IS 733, 319, 292 &
		410	
	b) Pin	Table 2	As per Is 733, 739, 7608 286, 4413 & 6528
2.	Dimensions	5	1.5
3.	Manufacturer	6	1.5
4.	Workmanship & finish	7	
	a) Workmanship		0.5
	b) Finish (anodic coating test)		As per Gr. AC10 of IS 1868:98
	PREPARATION OF TEST REPORT		1

	TOTAL TIME		5

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are Rs.375.00 excluding material test and Anodic coating test.

Testing charges for material as per relevant IS and Anodic coating test as per IS 1868:98 have been fixed separately.

DDGL may kindly approve.

(Veer Singh)
STA(QA)

DCL(QA)
DDGL

The revised BIS testing charges for IS 208 effective from 15-04-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES FOR IS: 208 DOOR HANDLES

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Material	4.1 & 4.2, Table 1	*
2.	Manufacturer	5	0.5
3.	Dimensions	5	2
4.	Finish	6.1	3
	PREPARATION OF TEST REPORT		1
	TOTAL TIME (Rounded)		7

Testing charges per man hour is Rs.300.00. Hence complete testing charges for the product are **Rs.2100.00**

- Material shall be tested as per relevant specifications and testing charges leived accordingly.

DDGL may kindly approve.

(P. Rajesh)
Sc.E, LPPD

Head, LPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/Lab/14:0

2001-08-20

TESTING CHARGES FOR IS: 208 DOOR HANDLES

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Material	4.1 & 4.2, Table 1	*
2.	Manufacturer	5	0.5
3.	Dimensions	5	2
4.	Finish	6.1	3
	PREPARATION OF TEST REPORT		1
	TOTAL TIME (Rounded)		7

Testing charges per man hour is Rs.75.00. Hence complete testing charges for the product are Rs.525.00

- Material shall be tested as per relevant specifications and testing charges leived accordingly.

DG may kindly approve.

(V.K. Sethi)
TS(QA)

DCL(QA)

DDGL

ADGT

DG

The revised BIS testing charges for IS 209:1992 effective from 23-08-2016

LABORATORY POLICY AND PLANNING DEPARTMENT

Our Ref:LPPD/51:1

08-03-2016

TESTING CHARGES FOR ZINC INGOT AS PER IS 209:1992.

Sl..No.	Characteristics	Clause no.	Man-Hours	Electricity Power Consumed kwh	Cost of consumables including reference material where- ever applicable	
A.	TEST PARAMETERS					
1.	Zinc	6.1	-	-	-	
2.	Lead	6.1	2	2kwh	250/-	
3.	Cadmium	6.1	2	2kwh	250/-	
4.	Iron	6.1	2	2kwh	250/-	
5.	Tin	6.1	2	2kwh	250/-	
6.	Copper	6.1	2	2kwh	250/-	
7.	Thallium	6.1	4	2kwh	750/-	
8.	Indium	6.1	4	2kwh	600/-	
B.	Electricity power consumed			14kwh		
C.	Cost of Consumables/CRMs				2600/-	
D.	PREPARATION OF TEST REPORT			1		
	TOTAL	TIME	19			

Testing charges per man-hour are Rs.300.00. Hence testing charges for the product is:

Total Rs.19X300+14X9 + 2600 = Rs.8426.00 (**Rounded off Rs.8430.00**).

DDGL may kindly approve.

(Anurita)

Head, LPPD**DDG (Labs)****Please Refer to Revised Testing Charges mentioned above****BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/79

12 Oct 2006

TESTING CHARGES FOR ZINC INGOT AS PER IS 209:1992.

Sl..No.	Characteristics	Clause no.	Man-Hours	Electricity Power Consumed kwh	Cost of consumables including reference material where- ever applicable
A.	TEST PARAMETERS				
1.	Zinc	6.1	-	-	-
2.	Lead	6.1	2	2kwh	250/-
3.	Cadmium	6.1	2	2kwh	250/-
4.	Iron	6.1	2	2kwh	250/-
5.	Tin	6.1	2	2kwh	250/-
6.	Copper	6.1	2	2kwh	250/-
7.	Thallium	6.1	4	2kwh	750/-
8.	Indium	6.1	4	2kwh	600/-
B.	Electricity power consumed			14kwh	
C.	Cost of Consumables/CRMs				2600/-
D.	PREPARATION OF TEST REPORT		1		
	TOTAL	TIME	19		

Testing charges per man-hour are Rs.75.00. Hence testing charges for the product is:

Total Rs.19X75+14X4 + 2600 = Rs.4081.00.

The proposal is made on the basis of information received from testing lab.

DDGL may kindly approve.

(K.S. Arya)
STA(QA)

D&H(QA)

DDGL

The revised BIS testing charges for IS 210:2009 effective from 23-08-2016

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:LPPD/51:1

08-07-2016

TESTING CHARGES FOR IS: 210:2009 GREY IRON CASTINGS

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Freedom from defects	10	1/2
2.	Tensile strength	14	2
3.	Hardness	16	2
4.	Transverse test	17	2
5.	Hydrostatic test	18	2*
6.	Chemical composition	6	**

PREPARATION OF TEST REPORT

1/2

TOTAL TIME

9

Testing charges per man hour is Rs.300.00. Hence complete testing charges for the product are **Rs.2700.00**

- This test shall be carried out if required.
- ** The testing charges shall be levied as per the elements present (as specified by the purchases) in the cast iron.

DDG (Labs) may kindly approve.

(P.Rajesh)
Sc.E, LPPD

Head, LPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above
BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/Lab/14:0

1999-07-19

TESTING CHARGES FOR IS: 210:1993 GREY IRON CASTINGS

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Tensile strength	15	2
2.	Hardness	16	2

3.	Transverse test	17	2
4.	Hydrostatic test	18	2*
5.	Chemical composition	6	**
PREPARATION OF TEST REPORT			1
TOTAL TIME (Rounded)			9

Testing charges per man hour is Rs.75.00. Hence complete testing charges for the product are Rs.675.00

- This test shall be carried out if required.

** The testing charges shall be levied as per the elements present (as specified by the purchases) in the cast iron.

DG may kindly approve.

(V.K. Sethi)
TS(QA)

DCL(QA)
DDGL
ADGT
DG

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

TESTING CHARGES FOR IS: 217-1961 CUT BACK BITUMEN

TOP

S NO	TESTS	CL. REF.	MAN-HOURS				
			Rapid curing Types	Medium curing Types	slow curing Types		
			RC-0 RC-1	RC-2, RC-3, RC-4, RC-5	MC-0, MC-1, MC-2, MC-3 MC-4, MC-5	SC-0, SC-1 SC-2, SC-3 SC-4 SC-5	
1.	Viscosity, Standard tar Viscometer	5 & Table 1, 2 & 3	2	2	2	2	
2.	Flash point pensky mar- tene closed type		-	1	1	1	
3.	Distillation, fraction percent by volume of total distillate upto 360°C		2	2	2	2	
4.	Residue from distillation upto 360°C percent by volume (by difference)		1	1	1	1	

5. Water, percent by weight	-	-	-	1
6. Taste on residue from distillation upto 360°C				
a) Penetration at 25°C, 100g, 5 Sec, in 1/100cm	1	1	1	-
b) Ductility at 27°C in cm	2	2	2	2
c) Matter soluble in carbon disulphide, percent by weight.	1	1	1	1
d) Float at 50°C in sec.	-	-	-	1½
PREPARATION OF TEST REPORT	½	½	½	½

TOTAL TIME : 10 11 11 12

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are as follows.

Rapid Curing

Type RC-0, RC-1

For complete testing of product : Rs.750.00

Type RC-2 RC-3 RC-4 RC-5

For complete testing of product : Rs.825.00

Medium curing (Type Mc-0, Mc-1, Mc-2, Mc-3, Mc-4, & Mc-5)

For complete testing of product : Rs.825.00

Slow Curing (Types Sc-0, Sc-1, Sc-2, Sc-3, Sc-4, & Sc-5)

For complete testing of product : Rs. 900.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

TESTING CHARGES FOR IS 218:1983 CREOSOTE OIL FOR USE AS WOOD
PRESERVATIVES

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS	
			Type I	Type II
1.	Description	3.1	½	½
2.	Liquidity	3.2	1	1
3.	Specific gravity	3.3 & i) of Table 1	1	1
4.	Water content	" & ii) "	1½	1½

5.	Matter insoluble in toluene	" & iii) "	1½	1½
6.	Alkali soluble tar acids	" & iv) "	-	2
7.	Distillation fractions	" & v) "		
	a) Fractions distilling upto (i) 210°C (ii) 255°C (iii) 315°C (iv) 355°C		1½	1½
	b) Residue		1	1
	c) Specific gravity of distillations fractions 235°C to 315°C at 38/38°C		1	1
	d) Alkali soluble tar acids fractions 235°C to 315°C		--	2
	PREPARATION OF TEST REPORT		½	½

		TOTAL TIME :	10	14

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are as follows.

Type 1

For complete testing of product : Rs.750.00

Type 2 For complete testing of product : Rs.1050.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY
(Q.A. Department)

TESTING CHARGES FOR IS 220:1988 FOUNTAIN PEN INK FERRO-GALLO TANNATE
0.1% IRON CONTENT

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	General	4.1	1
2.	Total solids	Table 1, 4.2	1
3.	Iron content	Table 1, 4.2	2.5
4.	Ratio of ethyl acitate ext	-- do --	2.5
5.	Sedimenlation	-- do --	1
6.	Corrosion	-- do --	1.5
7.	Hue & Intensity	-- do --	0.5
8.	Penetration	-- do --	0.5
9.	Permance	-- do --	2
10.	Freedom from clogging	-- do --	1
11.	Stability	-- do --	1
12.	Keeping quality	4.3	2
PREPARATION OF TEST REPORT			1.5
TOTAL TIME			----- 17 -----

Testing charges per man hour is Rs.75.00. Hence complete testing charges for the product are Rs.1275.00

DG may kindly approve.

(V.K. Sethi)
TS(QA)

DCL(QA)
DDGL

ADGT
DG

The revised BIS testing charges for IS 245:1988 effective from 15-04-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES FOR IS 245:1988 TRICHLORO ETHYLENE TECHNICAL

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS	
			Type 1	Type 2
1.	Description	3.1	½	½
2.	Relative Density	3.2 Table 1 (i)	1	1
3.	Residue on Evaporation	" " (ii)	1	1
4.	Distillation Yield	" " (iii)	2	2
5.	Alkalinity(as Na ₂ CO ₃)	" " (iv)	½	½
6.	Free Chlorine	" " (v)	1	1
7.	Stability under Reflex	" " (vi)	-	2
8.	Resistance to Corrosion	" " (vii)	3	3
PREPARATION OF TEST REPORT			½	½
			TOTAL TIME :	10 12

Testing charges per man-hour are Rs. 300.00.

Hence complete testing charges for the product are as follows.

Type 1- For complete testing of product : **Rs.3000.00**

Type 2 - For complete testing of product : **Rs3600.00**

DDGL may kindly approve.

Head, LPPD
DDG (Labs)

(P. Rajesh)
Sc.E, LPPD

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1990-06-08

TESTING CHARGES FOR IS 245:1988 TRICHLORO ETHYLENE TECHNICAL

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS	
			Type 1	Type 2
1.	Description	3.1	$\frac{1}{2}$	$\frac{1}{2}$
2.	Relative Density	3.2 Table 1 (i)	1	1
3.	Residue on Evaporation	" " (ii)	1	1
4.	Distillation Yield	" " (iii)	2	2
5.	Alkalinity(as Na ₂ CO ₃)	" " (iv)	$\frac{1}{2}$	$\frac{1}{2}$
6.	Free Chlorine	" " (v)	1	1
7.	Stability under Reflex	" " (vi)	-	2
8.	Resistance to Corrosion	" " (vii)	3	3
	PREPARATION OF TEST REPORT		$\frac{1}{2}$	$\frac{1}{2}$
	TOTAL TIME :		10	12

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are as follows.

Type 1

For complete testing of product : Rs.750.00

Type 2

For complete testing of product : Rs900.00

APPROVED BY THE COMPETENT AUTHORITY :

The revised BIS testing charges for IS 248:1987 effective from 15-04-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref:LPPD/51:1

08-03-2016

TESTING CHARGES FOR IS:248:1987 SODIUM BISULPHITE (TECHNICAL)

Sl. No.	Characteristics	Clause no.	Man-Hours	Electricity power consumed kwh	Cost of consumable Rs.
1.	Purity	Table 1, S.No.1	3	-	-
2.	pH	S.No.2	1	-	-
3.	Matter insoluble in water	S.No.3	3	-	-
4.	Iron	S.No.4	3	-	-
5.	Heavy metals	S.No.5	2	-	-
6.	Appearance of soln	S.No.6	0.5	-	-
	PREPARATION OF TEST REPORT		1		

	TOTAL TIME (rounded off)		14		

Testing charges per man-hour are Rs.300.00. Hence complete testing charges for the product are Rs.300x14 = **Rs.4200.00**

DDGL may kindly approve.

(P. Rajesh)

Sc.E, LPPD

Head, LPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/14:0

2003-11-25

TESTING CHARGES FOR IS:248:1987 SODIUM BISULPHITE (TECHNICAL)

Sl. No.	Characteristics	Clause no.	Man-Hours	Electricity power consumed kwh	Cost of consumable Rs.
1.	Purity	Table 1, S.No.1	3	-	-
2.	pH	S.No.2	1	-	-
3.	Matter insoluble in water	S.No.3	3	-	-
4.	Iron	S.No.4	3	-	-
5.	Heavy metals	S.No.5	2	-	-
6.	Appearance of soln	S.No.6	0.5	-	-
	PREPARATION OF TEST REPORT		1		

	TOTAL TIME (rounded off)		14		

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are Rs.1050.00

The proposal is made on the basis of information received fro testing lab.

DDGL may kindly approve.

(Veer Singh)
TS(QA)

D&H(QA)
DDGL

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1983-11-14

"TESTING CHARGES FOR IS 249:1979 SODIUM BICHROMATE, TECHNICAL
(3rd Revision)

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Description	2.1	½
2.	Free moisture and combined water	i) of Table 1	1
3.	Sod. bichromate content	ii) "	2
4.	Sulphates (as Na ₂ - SO ₄)	iii) "	2
5.	Chlorides (as NaCL)	vi) "	1

6.	Calcium compounds (as CaSO ₄ -	v)	"	2
7.	Matter insoluble in water	vi)	"	1
8.	pH value	vii)	"	1
	PREPARATION OF TEST REPORT			½

TOTAL TIME : 11

Testing charges per man-hour are Rs.75.00.
Hence complete testing charges for the product are : Rs.825.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1984-11-13

TESTING CHARGES FOR IS 250:1964 POTASSIAM BICHROMATE, TECHNICAL AND ANALYTICAL REAGENT

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS	
			Tech	A.R.
1.	Description	2.1	½	½
2.	Moisture	2.2 & i) of Table 1	1	1
3.	Matter insoluble in			

	water	" ii)	"	1	1
4.	Potassium Bichromate	" iii)	"	1½	1½
5.	Sulphates (as SO ₄)	" iv)	"	2	2
6.	Chlorides (as Cl)	" v)	"	1	1
7.	Calcium (as CaSO ₄)	" vi)	"	2	2
8.	Aluminium (as Al)	" vii)	"	-	1
9.	Sodium (as Ng)	"viii)	"	-	1½
10.	pH	2.3		1	1

PREPARATION OF TEST REPORT

½ ½

TOTAL TIME :

11 13

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are as follows.

		Tech.	A.R.
For complete testing of product	:	Rs.825.00	975.00

APPROVED BY THE COMPETENT AUTHORITY :

The revised BIS testing charges for IS 251:1998 effective from 15-05-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES FOR IS: 251:1998 SODA ASH, TECHNICAL

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
		3.1,4.5,7.1, Table 1	
1.	Total alkalinity as (Na ₂ CO ₃)		1
2	Matter insoluble in water		1.5
3.	Sulphate as (Na ₂ SO ₄)		2
4.	Chlorides as (NaCl)		1.5
5.	Iron as (Fe ₂ O ₃)		1.5
	PREPARATION OF TEST REPORT		0.5

	TOTAL TIME(Rounded)		8

Testing charges per man-hour are Rs.300.00. Hence complete testing charges for the product are **Rs.2400.00**

DDGL may kindly approve.

(P. Rajesh)
Sc.E, LPPD

Head, LPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/14:0

2001-07-16

TESTING CHARGES FOR IS: 251:1998 SODA ASH, TECHNICAL

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
		3.1,4.5,7.1, Table 1	
1.	Total alkalinity as (Na ₂ CO ₃)		1
2	Matter insoluble in water		1.5
3.	Sulphate as (Na ₂ SO ₄)		2
4.	Chlorides as (NaCl)		1.5
5.	Iron as (Fe ₂ O ₃)		1.5
	PREPARATION OF TEST REPORT		0.5

	TOTAL TIME(Rounded)		8

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are Rs.600.00

DG may kindly approve.

(V.K. Sethi)
TS(QA)

D&H(QA)

The revised BIS testing charges for IS 252:2013 effective from 15-05-2016
LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES FOR IS: 252:2013 Caustic Soda

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
	Table 1	Lye	Solid
1.	Sodium Carbonate(as Na ₂ CO ₃)	1.5	1.5
2.	Sodium hydroxide(as NaOH)	1	1
3.	Chloride (as Cl)	1	1
4.	Sulphates(as SO ₄)	2	2
5.	Silicates as (as SiO ₂)	1	1
6.	Iron (as fe)	0.5	0.5
7.	Copper (as Cu)	2	2
8.	Manganese (as Mn)	1	1
9.	Chlorates and Perchlorates (as NaClO ₃)	1	1
10.	Matter insoluble in water	1.5	1.5
11.	Total mercury (as Hg)	3	3
12.	Sodium Hydroxide (as NaOH)	1	1

PREPARATION OF TEST REPORT	0.5	0.5
TOTAL TIME	17	17

Testing charges per man-hour are Rs.300.00. Hence complete testing charges for the product are as follows:

For Lye & Solid : Rs.5100.00

DDGL may kindly approve.

(P. Rajesh)
Sc.E, LPPD

Head, LPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/14:0

2001-06-21

TESTING CHARGES FOR IS: 252:1991 BROMINE TECHNICAL

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS			
			Pure		Technical	
		4.3, Table 1	Lye	Solid	Lye	Solid
1.	Sodium Carbonate(as Na ₂ CO ₃)		1.5	1.5	1.5	1.5
2.	Sodium hydroxide(as NaOH)		1	1	1	1
3.	Chloride (as NaCl)		1	1	1	1
4.	Sulphates as(Na ₂ SO ₄)		2	2	2	2
5.	Silicates as (SiO ₂)		1	1	-	-
6.	Iron (as fe)		0.5	0.5	0.5	0.5
7.	Copper (as Cu)		2	2	-	-
8.	Manganese (as Mn)		1	1	-	-
9.	Chlorates and Perchlorates (as NaClO ₃)		1	1	-	-
10.	Matter insoluble in water		1.5	1.5	1.5	1.5
			0.5	0.5	0.5	0.5
PREPARATION OF TEST REPORT			----	----	---	---
	TOTAL TIME		13	13	8	8

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are as follows:

For Pure and Solids : Rs.975.00
For Technical& Solids: Rs.600.00

DG may kindly approve.

(V.K. Sethi)
TS(QA)

D&H(QA)
DDGL
ADGT
DG

The revised BIS testing charges for IS 253:2014 effective from 07-11-2016

**BIS CENTRAL LABORATORY, SAHIBABAD
[CHEMICAL DEPARTMENT]**

IS NO.	Part	Sec	Year	Title	Variety (Grade/Type/Size)	Cl. ref. of IS	Requirement	Time* (Hours)		Power consumption KwH (if intensive)		Consumable (Rs)	
253			2014	COMMON SALT				Common Salt	Dairy Salt	Common Salt	Dairy salt	Common salt	Dairy Salt
				Amend. No. Nil									
						Cl.3.1.1/Cl.3.2.1	Description	0.25	.025	-	-	-	-
						Cl.3.1.2/Cl.3.2.3.	Moisture	1	1	6	6	-	-
						Cl.3.1.3/Cl.3.2.4	Potassium ferrocyanide or sodium ferrocyanide expressed as $K_4Fe(CN)_6$	1	1	6	6	50	50
						Cl.3.2.2	Particle Size	-	0.25	-	-	-	-
						Cl.3.1.4,3.2.5,A-10.3.2.,A-11.2.4.3,A-12.3.1.,B-5.2 Table I,	i) Water insoluble matter,	2	2	4	4	-	-
						-do-	ii) Chloride content (as NaCl)	6	1	17	-	300	150
						-do-	iii) Matter soluble in water, other than sodium chloride	1	-	-	-	-	-
						-do-	iv) calcium (as Ca), water soluble,	-	1	-	1	-	50
						-do-	v) Magnesium (as Mg), water soluble,	-	1	-	1	-	50
						-do-	vi) Sulphates as (SO ₄),	-	2	-	15	-	25
						-do-	vii) Alkalinity (as Na ₂ CO ₃)	-	1	-	-	-	25
						-do-	viii) Lead (as Pb)	3	3	30	30	150	150
						-do-	ix) Iron (as Fe),	-	1	-	-	-	-
						-do-	x) Arsenic (As As)	2	2	1	1	50	50
						-do-	xi) Copper (as Cu),	1	1	-	-	50	50
							Report Preparation	1	1				
							Total	18.25	18.50	64	64	600	600

Testing charges per man-hour=Rs 300

Power consumption per unit =Rs 9

Total testing charges for common Salt

=18.25 X 300 + 64 X 9 + 600 = Rs 6651/-

Total testing charges for Dairy Salt

=18.50 x 300 +64 x 9 + 600 =

Rs 6726/-

CA may kindly approve.

**Rajendra
K.Palsania**

LO-B

OIC (Chem)

Head, CL DDGL

may kindly approve the testing charges.

As decided by Competent

Authority, in order to keep the uniformity of testing charges for different Types, the testing charges(taken as average of all types) is Rs.6690.00 (for both Common salt & Dairy Salt).

**(P. Rajesh)
Sc.E, LPPD**

Head, LPPD/DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1986-04-11

TESTING CHARGES FOR IS 253:1985 EDIBLE COMMON SALT

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Common Salt		
a)	Description and Moisture	2.1.1 & 2.1.2	1
b)	Potassium ferrocyanide as K ₄ Fe(CN) ₆	2.1.2	1
c)	Water insoluble matter	2.1.4 & i) of Table 1	1½
d)	Chloride as (NaCl)	" ii) "	1
e)	Matter soluble in water, other sodium Chloride	" iv) "	5
2.	Table Salt		
a)	Description	2.2.1	½
b)	Particle size	2.2.2	1
c)	Moisture	2.2.3	1
d)	Water insoluble matter	2.2.4 & i) of Table 1	1½
e)	Chloride (as NaCl)	" ii) "	1
f)	Acid insoluble matter	" iii) "	1½
g)	Calcium (as Ca), water		

soluble	"	v)	"	1½
h) Magnesium (as Mg) water soluble	"	vi)	"	1½
i) Sulphates (as SO ₄)	"	vii)	"	1½
k) Alkalinity (as Na ₂ CO ₃)	"	viii)	"	1
i) Lead (as Pb) ppm	"	ix)	"	2
m) Iron (as Fe), ppm	"	x)	"	2
n) Arsenic (as As), ppm	"	xi)	"	2

3. Dairy Salt

a) Description and particle size	2.3.1 & 2.3.2			1
b) Moisture	2.3.3			1
c) Anticaking additives	2.3.4			1
d) Water insoluble matter	2.2.5 & i)	Table 1		1½
e) Chloride content (as NaCl)	"	ii)	"	1
f) Calcium (as Ca), water soluble	"	v)	"	1½
g) Magnesium (as Mg), water soluble	"	vi)	"	1½
h) Sulphates (as SO ₄)	"	vii)	"	1½
j) Alkalinity (as Na ₂ CO ₂)	"	viii)	"	1

k) Lead (as Pb), ppm	"	ix)	"	2
l) Iron (as Fe), ppm	"	x)	"	2
m) Arsenic (AS As), ppm	"	xi)	"	2
n) Copper (as Cu), ppm	"	xii)	"	2
PREPARATION OF TEST REPORT				½

Testing charges per man-hour are Rs.75.00.
Hence complete testing charges for the product are as follows.

Common Salt : Rs.0750.00
Table salt : Rs.1425.00
Dairy Salt : Rs.1500.00

APPROVED BY THE COMPETENT AUTHORITY :

BIS CENTRAL LABORATORY
Q.A. Department)

Our Ref:CL/QA/14:0 2001-06-15
TESTING CHARGES FOR IS: 254:1973 MAGNESIUM CHLORIDE

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS		
			Gr.I	Gr.II	Gr.III
Table 1 Cl.3.2					
1.	Matter insoluble in water		1	1	-
2.	Magnesium Chloride		1	1	1
3.	Sulphate as SO4		1	1	2
4.	Calcium as Ca		1	2	2
5.	Iron as fe		1.5	1.5	-
6.	Heavy metals as Pb		1	1	-
7.	Arsenic as As		2.5	2.5	-
8.	Acidity as Hcl		1	0.5	-

9.	Alkalinity as Mgo	2	-	-
10.	Alkalichlorides as Neel	2	1.5	1.5
11.	Potassium as K	2	-	-
12.	Amm.Salts as N	2	2	-
13.	Ethanol Insoluble matter	0.5	0.5	-
14.	Phosphate PO4	1	-	-
15.	Manganese as Mn	2	-	-
16.	Zinc as Zn	1	-	-
17.	Barium as Ba	1	-	-
PREPARATION OF TEST REPORT		0.5	0.5	0.5
TOTAL TIME		24	15	7

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are as follows:

Grade I	:	Rs.1800.00
Grade II	:	Rs.1125.00
Grade III	:	Rs. 525.00

DG may kindly approve.

(V.K. Sethi)
TS(QA)

D&H(QA)

DDGL

ADGT

DG

The revised BIS testing charges for IS 261:1982 effective from 15-05-2016

LABORATORY POLICY AND PLANNING DEPTT

TESTING CHARGES FOR IS: 261:1982 COPPER SULPHATE

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
		Table 1, Cl.3.2	Tech Pure
1.	Copper		2 2
2.	Matter Insoluble in water		1.5 1.5
3.	Soluble Iron and aluminum comps		3 3
4.	pH value		1 1
5.	Chloride		- 1
6.	Arsenic		- 2
7.	Lead & Zn		- 2
	PREPARATION OF TEST REPORT		0.5 0.5
	TOTAL TIME		8 13

Testing charges per man hour are Rs.300.00. Hence complete testing charges for the product are as follows:

Technical:Rs.2400.00

Pure :Rs.3900.00

DDGL may please approve.

(P. Rajesh)
Sc.E, LPPD

Head, LPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/14:0

2001-07-17

TESTING CHARGES FOR IS: 261:1982 COPPER SULPHATE

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
		Table 1, Cl.3.2	Tech Pure
1.	Copper		2 2
2.	Matter Insoluble in water		1.5 1.5
3.	Soluble Iron and aluminium comps		3 3
4.	pH value		1 1
5.	Chloride		- 1
6.	Arsenic		- 2
7.	Lead & Zn		- 2
	PREPARATION OF TEST REPORT		0.5 0.5
	TOTAL TIME		8 13

testing charges per man hour are Rs.75.00. Hence complete testing charges for the product are as follows:

Technical:Rs.600.00

Pure :Rs.975.00

DG may please approve.

(V.K. Sethi)
TS (QA)

D&H (QA)
DDGL
ADGT
DG

The revised BIS testing charges for IS 265:1993 effective from 15-04-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES FOR IS 265::1993 HYDROCHLORIC ACID

[TOP](#)

SL.NO.	CHARACTERISTICS	CLAUSE NO	MAN-HOURS		
GRADE			Tech	CP	AR
1.	Total acidity	B-2	1.0	1.0	1.0
2.	Residue on Ignition	B-3	2.5	2.5	2.5
3.	Sulphate	B-4	2.0	2.0	2.0
4.	Iron	B-5		1.5	1.5
5.	Freechlorine&Bromine	B-6		2.5	2.5
6.	Sulphate	B-7		1.5	1.5
7.	Heavy Metals	B-8		---	1.5
8.	Arsenic	B-9		---	1.5
9.	Ammonium Compounds	B-10	---	---	1.5
10.	Mercury	B-11		1.5	1.5
PREPARATION OF TEST REPORT				1.0	1.0
			14	17	17

Testing charges per man hour are Rs.300.00. Hence complete testing charges for the product are as follows:

Technical Grade	Rs.4200.00
CP & AR Grade	Rs.5100.00

DDGL may kindly approve.

(P. Rajesh)
Sc.E, LPPD

Head, LPPD

DDG(Labs)

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:Lab/14:0

Date: 1998-01-27

TESTING CHARGES FOR IS 265::1993 HYDROCHLORIC ACID

[TOP](#)

SL.NO.	CHARACTERISTICS	CLAUSE NO	MAN-HOURS		
GRADE			Tech	CP	AR
1.	Total acidity	B-2	1.0	1.0	1.0
2.	Residue on Ignition	B-3	2.5	2.5	2.5
3.	Sulphate	B-4	2.0	2.0	2.0
4.	Iron	B-5	1.5	1.5	1.5
5.	Freechlorine&Bromine	B-6	2.5	2.5	2.5
6.	Sulphate	B-7	1.5	1.5	1.5
7.	Heavy Metals	B-8	---	1.5	1.5
8.	Arsenic	B-9	---	1.5	1.5
9.	Ammonium Compounds	B-10	---	---	1.5
10.	Mercury	B-11	1.5	1.5	---
PREPARATION OF TEST REPORT			1.0	1.0	1.0
			14	17	17

Testing charges per man hour are Rs.75.00. Hence complete testing charges for the product are as follows:

Technical Grade	Rs.1050.00
CP & AR Grade	Rs.1275.00

DDGL may kindly approve.

(V.K. Sethi)
TS (QA)

DCL(QA)
DDGL

The revised BIS testing charges for IS 266:1993 effective from 15-04-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES FOR SULPHURIC ACID AS PER IS 266:1993

Testing charges per man-hour are Rs.300.00.

Hence testing charges for the product are:

Total

Rs.300x26+21x9+900 =

Rs.8889.00 (Rounded =

Rs.8890.00)

The proposal is made on the basis of information received from testing lab.

Sl.No	Characteristics	Clause No.	Man-hours	Electricity power consumed		Cost of consumables including reference material wherever applicable
				Kwh	Cost @ 9/-	
			@ 300/-			
A. TEST PARAMETERS						
1.	Total acidity	4.2 & 4.3, Table 2,	1	1kwh	9	50.00
2.	Residue on ignition	--do--	2.5	2kwh	18	-
3.	Iron	--do--	1.5	2kwh	18	50.00
4.	Chloride	--do--	1.5	-	-	50.00
5.	Lead	--do--	1.5	2kwh	18	100.00
6.	Arsenic	--do--	2.5	2kwh	18	50.00
7.	Oxidisable impurities	--do--	1.5	-	-	50.00
8.	Organic matter	--do--	0.5	1kwh	-	-
9.	Nitrates	--do--	1	-		50.00
10.	Ammonia	--do--	2.5	1kwh	9	50.00
11.	Selenium	--do--	2.5	2kwh	18	50.00
12.	Manganese	--do--	1.5	2kwh	18	100.00
13.	Copper	--do--	1.5	2kwh	18	100.00
14.	Zinc	--do--	1.5	2kwh	18	100.00
15.	Mitrates, nitrites & ammonia	--do--	2	2kwh	18	100.00
	PREPARATION OF TEST REPORT		1			
	TOTAL		26	21kwh	189	900.00

Sc.E, LPPD

Head, LPPD
DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref : CL/QA/79

07 Dec 2009

TESTING CHARGES FOR SULPHURIC ACID AS PER IS 266:1993

Testing charges per man-hour are Rs.75.00. Hence testing charges for the product are:
Total
Rs.75x26+21x9+900 = Rs.3039.00
(Rounded = Rs.3040.00)

The proposal is made on the basis of information received from testing lab.

(K.S. Arya)

Sl.No.	Characteristics	Clause No.	Man-hours	Electricity power consumed		Cost of consumables including reference material wherever applicable	Total charges for each test
				Kwh	Cost @ 9/-		
			@ 75/-				
A. TEST PARAMETERS							
1.	Total acidity	4.2 & 4.3, Table 2,	1	1kwh	9	50.00	134.00
2.	Residue on ignition	--do--	2.5	2kwh	18	-	205.05
3.	Iron	--do--	1.5	2kwh	18	50.00	180.50
4.	Chloride	--do--	1.5	-	-	50.00	162.50
5.	Lead	--do--	1.5	2kwh	18	100.00	230.50
6.	Arsenic	--do--	2.5	2kwh	18	50.00	255.50
7.	Oxidisable impurities	--do--	1.5	-	-	50.00	162.50
8.	Organic matter	--do--	0.5	1kwh	-	-	46.50
9.	Nitrates	--do--	1	-		50.00	125.00
10.	Ammonia	--do--	2.5	1kwh	9	50.00	246.50
11.	Selenium	--do--	2.5	2kwh	18	50.00	255.50
12.	Manganese	--do--	1.5	2kwh	18	100.00	230.50
13.	Copper	--do--	1.5	2kwh	18	100.00	230.50
14.	Zinc	--do--	1.5	2kwh	18	100.00	230.50
15.	Mitrates, nitrites & ammonia	--do--	2	2kwh	18	100.00	268.00
	PREPARATION OF TEST REPORT		1				75.00
	TOTAL		26	21kwh	189	900.00	3039.00

LO-B (QA)

OIC (QA)
Head-CL
H (COAPD)
DDGL

BIS CENTRAL LABORATORY, SAHIBABAD
 [Q. A. DEPARTMENT]

OUR REF : LAB/14:0

1996-05-13

TESTING CHARGES FOR IS 269:1989 ORDINARY PORTLAND CEMENT
 33-GR. (4TH REVISION)

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Chemical requirements	5.1	
	a) Ratio of percentage of lime to percentages of silica, alumina and iron oxide, when calculated by the formula -	5.1, (i) of Table 1	3
	CaO - 0.7503		3
	-----		3
	2.8 SiO ₂ +1.2Al ₂ O ₃ -		3
	+0.65 Fe ₂ O ₃		3
	b) Ratio of percentage of alumina to that of iron oxide	(ii)	3
	c) Insoluble, residue,	(iii)	1.5

percent by mass

d)	Magnesia, percent by mass	(iv)	2
e)	Total sulphur content calculated as Sulphuric Anhydride (SO ₃), percent by mass,	(v)	covered in (a) above
f)	Total loss on ignition	(vi)	1
2.	Physical Requirements	6	
a)	Fineness	6.1	2
b)	Soundness	6.2	
	i) By Le Chatelier Method		2
	ii) By Autoclave test method		4

S NO	TESTS	CLAUSE REF.	MAN-HOURS
	c) i) Setting time	6.3	2
	d) Compressive strength	6.4	9
	e) Transverse strength of plastic mortar (Optional)	6.5	5
3.	Chloride content for cement used in prestressed concrete structures and long span	8.2	3

reinforced concrete structures, percent by mass.

PREPARATION OF TEST REPORT

0.5

Testing charges per man-hour are Rs. 75.00. Hence complete testing charges for the product are as follows:

- i) For Chemical Requirement : Rs.1725.00
- ii) For Physical Requirement : Rs.1500.00
- iii) For repeat test; (if required)
 - (By Le Chatelier Method) : Rs.150.00
 - (By Autoclave test method): Rs.300.00
- iv) For Transverse Strength
 - (Optional) : Rs.375.00

Approved by competent authority

NOTE: REVISED TESTING CHARGES PLACED BELOW

PP&C (T&C)

Our Ref : PP&C (T&C)/51:1

26 June 2014

Subject: Revision of BIS testing charges.

BIS Testing charges as prescribed for nine products were reviewed and as decided by the CA, the testing charges for six products have been revised as per the details given in Annex-1. The revised BIS testing charges shall be effective from 01-07-2014 and applicable for samples sent for testing after 01-07-2014.

The above revised BIS testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates. The revision of testing charges of OSLs, if any, shall be reviewed and decided in due course.

All Testing Centres/ROs/BOs are advised to note the above for implementation by the said date.

Encl: as above

(Dileep Kumar)
Head, PP&C (T&C)

DDG (T&C)

Circulated to all Heads of T&Cs/ROs/BOs/DDG (Cert.)/CMDs/DDGF

Copy to : **H (ITS)** - With a request to get the circular hosted on BIS Intranet.

REVISED BIS TESTING CHARGES OF IS 269

IS No	Revised BIS Testing Charges	Remarks
IS 269	Rs.8500.00	Excluding optional test

		(Transverse strength) Testing charges for Transverse strength Rs.2000.00
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BUREAU OF INDIAN STANDARDS
[LPPD]

Our Ref: LPPD/51:1

02.09.2015

Sub: Revision of BIS Testing Charges.

BIS Testing charges for seven products have been reviewed and as decided by the CA, the revised testing charges of the same, are given in Annex-1. The revised BIS testing charges for the ISS listed in Annex-1 shall be effective from 01-09-2015 and applicable for samples sent to BIS T&Cs for testing after 30-08-2015.

The above revised BIS testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates. The revision of testing charges of OSLs, if any, shall be reviewed and decided in due course.

All BIS labs/ROs/BOs are advised to note the above for implementation by the said date.

(Dileep Kumar)
Sc. F & Head[LPPD]

Sc. 'G' &DDG(Labs)

Encl. As above.

Circulated to all Heads of Labs/ROs/BOs/DDG(Cert.)/CMDs/DDGF

Copy to : H(ITS)

With a request to get the circular hosted on BIS Intranet.

**Testing Charges for
IS 269:2013 Ordinary Portland Cement 33 Grade**

(w.e.f. 31 Aug 2015)

S.No.	Clause No.	Requirements/ Characteristics	Manhours spent in Testing (in hrs)	Manhour cost of testing (@ ₹ 300 /manhour)	Power consumption (if intensive) (in kWh)	Cost of power (@ ₹ 9 per kWh)	Consumable cost (if significant)	Total cost of test	Remarks
1	2	3	4	5	6	7	8	9	10
1	5 (Table 2)	Chemical Requirements							
a)	(i) of Table 2	Ratio of percentage of lime to percentage of silica, alumina and iron oxide	7.5	₹ 2,250.00	36	₹ 324.00	₹ 500.00	₹ 4,724.00	Batch conditioning of 6 samples together.
b)	(ii) of Table 2	Ratio of percentage of alumina to that of iron oxide							
c)	(v) of Table 2	Total sulphur content calculated on sulphate anhydride (SO ₃), percent by mass							
d)	(iii) of Table 2	Insoluble residue, percent by mass	0.75	₹ 225.00					
e)	(iv) of Table 2	Magnesia, percent by mass	1	₹ 300.00					
f)	(vi) of Table 2	Loss on Ignition, percent by mass	0.75	₹ 225.00					
g)	(vii) of Table 2	Chloride content, percent by mass	1	₹ 300.00					
h)	(viii) of	Alkali Content	2	₹ 600.00					

	Table 2								
2	6 & Table 3	Physical Requirements							
a)	(i) of Table 3	Fineness	2	₹ 600.00	0	0	0	₹ 600.00	
b)	(ii) of Table 3	Soundness							
		By Le Chatelier Method	1	₹ 300.00	0	0	0	₹ 300.00	
		By Autoclave test method	2	₹ 600.00	2	₹ 18.00	0	₹ 618.00	
c)	(iii) of Table 3	Setting time	1	₹ 300.00	0	0	0	₹ 300.00	
d)	(iv) of Table 3	Compressive Strength	4	₹ 1,200.00	48	₹ 432.00	0	₹ 1,632.00	Batch conditioning of 10 samples together.
e)	(v) of Table 3	Transverse Strength (Optional)	3.5	₹ 1,050.00	18	₹ 162.00	0	₹ 1,212.00	
3		Preparation of Test Report	1	₹ 300.00	0	0	0	₹ 300.00	
		TOTAL	27.5	₹ 8,250.00	104	₹ 936.00	₹ 500.00	₹ 9,686.00	

Hence, complete testing charges (rounded to nearest Rs. 50.00) for the product are:

Including Transverse Strength (optional test) test ₹ 9,700.00

Excluding Transverse Strength (optional test) test ₹ 8,500.00

Testing charges (rounded to nearest Rs. 50.00) for only chemical test report:

₹ 4,900.00

Testing charges (rounded to nearest Rs. 50.00) for only physical test report including optional tests:

₹ 4,800.00

Testing charges (rounded to nearest Rs. 50.00) for only physical test report excluding optional tests:

₹ 3,600.00

Sc F & Head (LPPD)
Sc G & DDG (Labs)

(Sudheer Bishnoi)
Sc D (LPPD)

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1991-01-21

TESTING CHARGES FOR IS 274(Pt-1):1981 GENERAL PURPOSE SHOVELS (THIRD
REVISION INCORPORATING AMENDMENT NO.1"

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Material	4.1	
	a) Sulphur		2
	b) phosphorus		2
2.	Shapes and Dimension	5	1
3.	Tolerances	6	
4.	Mass	7	$\frac{1}{2}$
5.	Manufacture	8	
6.	Handles (if supplied)	9	As per IS 2897:1965
7	Workmanship and finish	11	$\frac{1}{2}$
8.	Test		

a) Bending test	14.2	1
b) Flexing test	14.3	½

PREPARATION OF TEST REPORT ½

TOTAL TIME: 8

 Testing charges per man-hour are Rs. 75.00.
 Hence complete testing charges for the product excluding the test at
 Sl. No. 6 are Rs.600.00

BIS CENTRAL LABORATORY, SAHIBABAD
 [Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1991-01-21

TESTING CHARGES FOR IS 274 (Pt-2):1981 SHOVELS PT-2 HEATTREATED
 SHOVELS (THIRD REVISION INCORPORATING AMENDMENT NO.2)

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Material	4.1	
	a) Sulphur		2
	b) phosphorus		2
2.	Shapes and Dimension	5	
			1
3.	Tolerances	6	

4.	Mass	7	
			½
5.	Manufacture	8	
6.	Hardness	9	1
7.	Handles (if supplied)	10	As per IS 2897:1965
8	Workmanship and finish	12	½
9.	Test		
	a) Bending test	15.2	1
	b) Flexing test	15.3	½
	PREPARATION OF TEST REPORT		½

TOTAL TIME:

9

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product excluding the test at
Sl. No. 7 are Rs.675.00

APPROVED BY THE COMPETENT AUTHORITY:

The BIS testing charges for IS 276:2000 effective from 12-02-2018

Bureau of Indian Standards

EROL

Ref: EROL(C)/276

10.10.2017

Testing Charges for IS 276:2000, AUSTENITIC-MANGANESE STEEL CASTINGS

SI No.	IS/ Clause No.	Requirements/ Characteristics	Man Hour spent in testing	Man hour cost of testing	Power consumption (if intensive)	Cost of power	Consumable cost (if significant)	Total cost of testing (Rs.)	Remarks (Method of test)
(I)	(II)	(III)	(IV)	(V)= (IV)xRs. 300	(VI)	(VII)=(VI)x Rs.10	(VIII)	(IX)	(X)
1	8	Chemical Composition							*Considering conventional test methods applicable for EROL, and on the basis of expenses when 6 samples run in a batch simultaneously,
2.		Carbon*	2	600	6	60	100	760	
3.		Sulphur*	2	600	6	60	100	760	
4.		Phosphorus*	3	900	6	60	100	1060	
5.		Manganese*	3	900	6	60	100	1060	
6.		Silicon*	3	900	6	60	100	1060	
7.		**Low alloys (Cr, Ni, Mo)	3x3	2700	18	180	300	3180	
	9	Workmanship & Finish	1	300				300	
	10	Freedom from defects	1	300				300	
	14.2	Brinell Hardness	1	300	2	20		320	
	14.3	Bend test	3	900	4	400		940	
	14.4	#Tensile Tests (Optional tests- TS, YS, Elongation)	2x3	1800	6	60		1860	
8.		Preparation of Test report	1+1	600				600	
9.		Total Testing Charges						12,200/-	

**Testing charges for Low alloys shall be @ 1060 per element for grades applicable when specified.
 # Being optional test, shall be applicable for specified grades only @620/- per test
 Residual elements as per clause 8.4 (not specified in ISS) shall be extra (when specified separately by purchaser and manufacturer).
 Non-destructive tests as per cl 15 (not specified in ISS) shall be extra (when specified separately by purchaser and manufacturer).
 Hence, tentative testing charges for Chemical Test Report(rounded off to nearest Rs.50.00) for the product is: Rs. 8200/-
Testing charges: Rs. 7160/- excluding optional tests. For low alloys – Rs. 1060/- per element.

R.Das

As decided by Competent Authority, the testing charges for the product are Rs 7160/- excluding optional test For low alloys: Rs 1060/- per element

(Ankita Tripathi)

Sc.B, LPPD
HLPPD
DDG (Labs)

The revised BIS testing charges for IS 277:2003 effective from 15-05-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES FOR IS:277:2003 GALVANISED STEEL SHEET

[TOP](#)

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Manufacturer (Base metal sheet)	5	*
2.	Bend test	8	1
3.	Coating test (Mass of coating)	9	3
4.	Freedom from defects	11.1 & 11.2	0.5
5.	Mass	12	0.5
6.	Dimensions & Tolerances	13& 14	1
	PREPARATION OF TEST REPORT		1
	TOTAL TIME		7

Testing charges per man-hour are Rs.300.00. Hence complete testing charges for the product are Rs.2100.00

- Base metal sheets shall be tested as per IS 1079/ IS 513 and testing charges levied accordingly.

DDGL may kindly approve.

(P. Rajesh)
Sc.E, LPPD

Head, LPPD

DDG(Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/79

7 July 2004

TESTING CHARGES FOR IS:277:2003 GALVANISED STEEL SHEET

[TOP](#)

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Manufacturer (Base metal sheet)	5	*
2.	Bend test	8	1
3.	Coating test (Mass of coating)	9	3
4.	Freedom from defects	11.1 & 11.2	0.5
5.	Mass	12	0.5
6.	Dimensions & Tolerances	13& 14	1
	PREPARATION OF TEST REPORT		1

	TOTAL TIME		7

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are Rs.525.00 .

- Base metal sheets shall be tested as per IS 1079/ IS 513 and testing charges levied accordingly.

The proposal is made on the basis of information received from testing lab.

DDGL may kindly approve.

(Veer Singh)
TS (QA)

D&H (QA)
DDGL

The revised BIS testing charges for IS 278:1978 effective from 15-05-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES FOR IS: 278:1978 GALVANIZED STEEL BARBED WIRE

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Material	5	*
2.	Manufacturer	6.1, 6.2	0.5
3.	Size, Dimensions & Mass	4	2.5
4.	Galvanizing & Zinc coating chromating	7 & 11.2	2
5.	Freedom from defects	8	0.5
6.	Tensile Test	11.1	2.5
7.	Ductility test	11.3	1
	PREPARATION OF TEST REPORT		1

	TOTAL TIME (Rounded)		10

Testing charges per man hour is Rs.300.00. Hence complete testing charges (excluding material) for the product are Rs.3000.00.

- Material shall be tested as per IS 280 and testing charges levied accordingly.

DDGL may kindly approve.

Head, LPPD

DDG (Labs)

(Anurita)
Sc.C, LPPD

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/Lab/14:0

2001-10-04

TESTING CHARGES FOR IS: 278:1978 GALVANIZED STEEL BARBED WIRE

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Material	5	*
2.	Manufacturer	6.1, 6.2	0.5
3.	Size, Dimensions & Mass	4	2.5
4.	Galvanizing & Zinc coating chromating	7 & 11.2	2
5.	Freedom from defects	8	0.5
6.	Tensile Test	11.1	2.5
7.	Ductility test	11.3	1
	PREPARATION OF TEST REPORT		1

	TOTAL TIME (Rounded)		10

Testing charges per man hour is Rs.75.00. Hence complete testing charges (excluding material) for the product are Rs.750.00.

- Material shall be tested as per IS 280 and testing charges levied accordingly.

DG may kindly approve.

(V.K. Sethi)
TS (QA)

D&H (QA)
DDGL
ADGT
DG

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/Lab/14:0

2001-10-04

TESTING CHARGES FOR IS: 279:1981 GALVANIZED STEEL WIRE

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Chemical Composition	5.1	
	i) Carbon		2
	ii) Sulphur		2
	iii) Phosphorous		3
	iv) Manganese		3
2.	Dimensions & Mass	6.1, Table 1	2
3.	Wrapping test	6.2	1
4.	Tensile Test	6.3	2.5
5.	Coating Test	6.4	2
6.	Resistance test (Elect)	6.5	2
7.	Freedom from defects	8.1	2
	PREPARATION OF TEST REPORT		2.5

	TOTAL TIME (Rounded)		23

Cost of CRM and Electricity : Rs.75.00

Testing charges per man hour is Rs.75.00. Hence complete testing charges for the product are Rs.1800.00
(Including cost of CRM)

DG

The revised BIS testing charges for IS 280:2006 effective from 24-03-2017

BIS CENTRAL LABORATORY (Q.A. Department)

Our Ref:CL/QA/14:0

18 Oct 2016

TESTING CHARGES FOR IS: 280:2006 MILD STEEL WIRE

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS	Power Consumed/Cost of Consumables
1.	Sizes, Tolerances	Cl 7 & 8, Table 1	2	
2.	Tensile test	9.1	3	
3.	Wrapping test/Bend test	9.2/9.3	2	5 kW
5.	Coating test	11	4	500/-
6.	Freedom from defects	13	1	
	PREPARATION OF TEST REPORT & CALCULATION		2	
	TOTAL TIME		14	

Testing charges per man-hour are Rs.300.00. Hence complete testing charges for the product are

10x300 + 5x9 = 3045 (without coating test), Rounded off to Rs.3050.00
14x300 + 5x9 +500= 4745 (with coating test) Rounded off to Rs.4750.00

(Ashok Kumar)
Lo-A

OIC,Mech
OIC (QA)
Head (CL)

BIS CENTRAL LABORATORY, SAHIBABAD
[CHEMICAL DEPARTMENT]

TESTING CHARGES FOR IS 280:2006, Amnd-1 Mild Steel Wire for general Engineering purposes.

Sl.No.	Characteristics	Clause no.	Man-Hours	Electricity Power Consumed kwh	Cost of Consumable including reference material wherever applicable
-----	-----	-----	-----	-----	-----

1.	Chemical composition	Table 1 (Clause 6.1 of IS 7887:1992)		
	i) Carbon	2	6	50.00
	ii) Sulphur	2	6	50.00
	iii) Phosphorus	3	6	50.00
	iv) Manganese	3	6	50.00
	PREPARATION OF TEST REPORT		1	
	TOTAL	:	11	24
				200.00

Testing charges per man-hour Rs.300.00

Electricity power consumption Rs.9.00 per KWH

Hence complete testing charges of the product = 3716/-, Rounded off to Rs.3750.00

Remarks: Testing charges for each of the elements other than Table (Silicon, Aluminum, Copper) will be Rs.1004/-
CA may kindly approve.

Anita Goel
LO-B

OIC (Chem)

As decided by the CA, complete testing charges are Rs.Rs.6800 (W/o coating test),

Rs.8500/- with coating test, Rs.1004/- for each of the element other than carbon, sulphur, phosphorous, manganese.

(Kshitij Bathla)
Sc.B, LPPD

Head, LPPD
DDGL

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/14:0

2001-07-10

TESTING CHARGES FOR IS: 280:1978 MILD STEEL WIRE

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Chemical composition	5.1, Table 1	
	i) Carbon		2
	ii) Manganese		3
	iii) Sulphur		2
	iv) Phosphorous		3
2.	Size, Diameter	6.1,7.1, Table 1	2
3.	Tensile test	8.1	2.5
4.	Wrapping test	8.2	1
5.	Bend test	8.3	1
6.	Coating test	10.1	3
7.	Freedom from defects 12		0.5
	PREPARATION OF TEST REPORT		3

	TOTAL TIME		23

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are Rs.1725.00....

DG

The revised BIS testing charges for IS 281:1991 effective from 15-04-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES FOR IS: 281:1991MILD STEEL SLIDING DOOR BOLTS.

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Materials	5	*
2.	Dimensions	6	3
3.	Manufacturer	7	1
4.	Finish	8	-
	PREPARATION OF TEST REPORT		1
	TOTAL TIME		5

Testing charges per man hour are Rs.300.00. Hence complete testing charges for the product are Rs.1500.00

* Materials shall be tested as per relevant ISS's and testing charges shall be leived accordingly.

DDGL may kindly approve.

**(Anurita)
Sc.C, LPPD**

**Head, LPPD
DDG (Labs)**

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/14:0

2001-09-04

TESTING CHARGES FOR IS: 281:1991MILD STEEL SLIDING DOOR BOLTS.

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Materials	5	*
2.	Dimensions	6	3
3.	Manufacturer	7	1
4.	Finish	8	-
	PREPARATION OF TEST REPORT		1
	TOTAL TIME		5

Testing charges per man hour are Rs.75.00. Hence complete testing charges for the product are Rs.325.00

* Materials shall be tested as per relevant ISS's and testing charges shall be leived accordingly.

DG

The revised BIS testing charges for IS 285:1992 effective from 23-08-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-07-2016

TESTING CHARGES FOR IS: 285:1992 (Laundry Soaps)

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS		
			Ty.1	Ty.2	
				Gr.I	Gr.2
1.	Phenolic substance	5.1.1	4	4	4
2.	Total fatty matter	5.4, Table 1	2	2	2
3.	Rosin Acid	5.4, Table 1	2	2	2
4.	Unsaponified matter	5.4, Table 1	3	3	3
5.	Free caustic alkali	5.4, Table 1	1	1	1
6.	Matter insoluble in alcohol	5.4, Table 1	1	1	-
7.	Titre	5.4, Table 1	2		
8.	Glycerol content	5.4, Table 1	2		
9.	Chloride content	5.4, Table 1	2	2	2
10.	LSD/NSD	5.4, Table 1		-	2
	PREPARATION OF TEST REPORT		1	1	1
			----	-----	---
	TOTAL TIME		20	16	17

Testing charges per man-hour are Rs.300.00. Hence the total charges are:
For Type 1-Rs.6000/-, For Type 2 Gr.1- Rs.4800/-, For Type 2 Gr.2-Rs.5100/-

Average testing charges (all types and grades)-Rs.5300.00

DDGL may kindly approve.

(P. Rajesh)
Sc.E, LPPD

Head, LPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/14:0

2002-12-05

TESTING CHARGES FOR IS: 285:1992 (Laundry Soaps)

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS		
			Ty.1	Ty.2 Gr.I	Gr.2
1.	Phenolic substance	5.1.1	4	4	4
2.	Total fatty matter	5.4, Table 1	2	2	2
3.	Rosin Acid	5.4, Table 1	2	2	2
4.	Unsaponified matter	5.4, Table 1	3	3	3
5.	Free caustic alkali	5.4, Table 1	1	1	1
6.	Matter insoluble in alcohol	5.4, Table 1	1	1	-
7.	Titre	5.4, Table 1	2		
8.	Glycerol content	5.4, Table 1	2		
9.	Chloride content	5.4, Table 1	2	2	2
10.	LSD/NSD	5.4, Table 1		-	2
	PREPARATION OF TEST REPORT		1	1	1
	TOTAL TIME		20	16	17

Testing charges per man-hour are Rs.75.00. Hence the total charges are:

Type 1 Rs.1500/-
Type 2 Gr.1 Rs.1200/-
 Gr.2 Rs.1275/-

DG may kindly approve.

(Dr. A.K. Goyal)
Director (QA)

D&H (QA)
DDGL
DDGF
ADGT
DG

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/Lab/14:0

2001-08-27

TESTING CHARGES FOR IS: 289:1963 ALUMINIUM PASTE FOR PAINTS

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	i) Form & Condition	4.1	0.5
	ii) Aluminum powder content	4.2	1
2.	Leafing value	4.3 & Appd	1
3.	Tabular requirement as per	4.4, Table 1	
	i) Residue on sieve		
	a) 150 micron	Sr 1 i) a)	1
	b) 75 micron	Sr 1 i) b)	1

	c) 53 micron	Sr 1 i) c)	1
	ii) Grease content	Sr.1 ii)	4
	iii) Setting properties	Sr.1 iii)	1
	iv) Volatile matter	Sr.1 iv)	3
	v) Total impurities (copper&lead)	4.5	4
4	Keeping Properties	Sr.1 v)	15
	PREPARATION OF TEST REPORT		0.5

	TOTAL TIME	(excluding K.P.)	18

Testing charges per man hour is Rs.75.00. Hence complete testing charges for the product are Rs.1350.00

For keeping properties:Rs.1125.00

DG

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/Lab/14:0

2001-09-21

TESTING CHARGES FOR IS: 291:1989 NAVAL BRASS RODS AND SECTIONS

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Freedom from defects	6	0.5
2.	Dimensions	7.1 & 7.2	0.5
3.	Chemical Compositions	8.1, Table 1	
	i) Copper		2
	ii) Tin		2
	iii) Lead		2
	iv) Iron		2
	v) Other impurities		-
	vi) Zinc		2
4.	Tensile Properties	9	4.0
5.	Mercurous Nitrate test	10	1
	PREPARATION OF TEST REPORT		1.5
	TOTAL TIME		18

Testing charges per man hour is Rs.75.00. Hence complete testing charges for the product are Rs.1350.00

DG

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1991-02-08

TESTING CHARGES FOR IS 292:1983 LEADED BRASS INGOTS AND CASTINGS

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Chemical composition	3.1	
	a) Copper plus incidental nickel		1½
	b) Tin		2
	c) Lead		2
	d) Iron		1½
	e) Aluminium (if required)		2
	f) Zinc		2½
2.	Pressure Test (if required)	4.1	1
3.	Freedom from defects	5	
	a) Ingots	5.1	½
	b) Castings	5.2	½
4.	Size and Shape	6	½
	PREPARATION OF TEST REPORT		½

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are as follows.

For Chemical test (excluding aluminium test) are Rs.750.00

For Physical test Are Rs.150.00

For Pressure Test are Rs.150.00

For Aluminium contents Rs.150.00

APPROVED BY THE COMPETENT AUTHORITY:

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1985-07-18

TESTING CHARGES FOR IS 294:1979 SUPERPHOSPHATE

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	General Requirements	3.1	½
2.	Moisture	3.2 &i) of Table 1	1
3.	Free Phosphoric acid (as P ₂ O ₅)	" ii) "	2
4.	Water soluble Phosphates (as P ₂ O ₅)	" iii) "	3
	PREPARATION OF TEST REPORT		½

TOTAL TIME:

7

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are Rs.525.00

APPROVED BY THE COMPETENT AUTHORITY:

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/79

18 Aug 2005

TESTING CHARGES FOR SODIUM CARBONATE, ANHYDROUS AS PER IS 296:1986.

Sl. No.	Characteristics	Clause no.	Man-hours	
			Pure Grade	A.R. Grade
1.	Description	3.1, Table 1	0.5	0.5
2.	Loss on ignition at 300 deg.C, %	-- do --	0.5	0.5
3.	Total alkalinity (as Na ₂ CO ₃)	-- do --	1	1
4.	Matter insoluble in water %	-- do --	1	1
5.	Sulphate (as SO ₄), %	-- do --	2	1
6.	Chlorides (as CR), %	-- do --	1.5	1
7.	Iron (as Fe), %	-- do --	1	1
8.	Nitrate (as NO ₃), %	-- do --	-	2
9.	Phosphates (as PO ₄), %	-- do --	-	2
10.	Silicates (as S ₁ O ₂), %	-- do --	-	1.5
11.	Heavy metals (as Pb), ppm	-- do --	1	1
12.	Copper (as Cu), %	-- do --	1.5	-
13.	Ammonia (as NH ₄), ppm	-- do --	-	1.5
14.	Substances reducing iodine (as I), %	-- do --	-	1.5
15.	Arsenic (as As), ppm	-- do --	2.5	2.5
16.	Ca & Mg, %	-- do --	-	1.5
17.	Aluminium (as Al), %	-- do --	-	1.5

18.*	Potassium (as K), %	-- do --	-	2
	PREPARATION OF TEST REPORT		0.5	0.5
	TOTAL	TIME	13.0 h	23.5h
				(Rounded=24h)

Testing charges per man-hour are Rs.75.00.

Total Rs.75x13 = Rs.975.00 for Pure grade, 75x24 = Rs.1800 for A.R. grade

* Testing facility is not available at CL.

The proposal is made on the basis of information received from testing lab.

DDGL may kindly approve.

(K.S. Arya)
STA (QA)

D&H(QA)
DDGL

The revised BIS testing charges for IS 299:2012 effective from 07-11-2016

BIS CENTRAL LABORATORY
(Q.A. Department)

TESTING CHARGES FOR ALUMINO-FERRIC AS PER IS 299:2012, Amnd-1

SI.No.	Characteristics	Clause no. (Cl. 4.2, 8.3, B-2.3.1 and B.2.5.2)		Man-Hours		
		Gr.1	<u>Gr.2</u>	Gr.3	Gr.4	Gr.5
1.	Insoluble matter Table 1	2	2	2	2	2
2.	Soluble iron -do-	2	2	2	2	2

3. Water soluble aluminium compounds	-do-	3	3	3	3
4. pH	- do -	1	1	1	1
5. Free acidity (as H ₂ SO ₄), Basicity	- do -	1	1	1	1
6. Lead	- do -	-	-	2	2
7. Arsenic	- do -	-	-	2	2
8. Mercury	- do -	-	-	2	2
9. Manganese	- do -	-	-	2	2
10. Chromium	- do -	-	-	2	2
11. Cadmium	- do -	-	-	2	2
12. Selenium	- do -	-	-	2	2
13. Organic Impurities					
(a) Phenolic compounds-	do -	-	--	1	1
(b) Anionic detergents	- do -	-	-	1	1

PREPARATION OF TEST REPORT 1

TOTAL TIME 10hrs (for grades 1,2& 3) 26 (for grade 4 &5)

Testing charges per man-hour are Rs.300.00.

	<u>Man hrs</u>	<u>Consumables</u>	<u>Total (Rs)</u>
Grade-1	=10x300=3000/-	250/-	3250/-
Grade-2	=10x300=3000/-	250/-	3250/-
Grade-3	=10x300=3000/-	250/-	3250/-
Grade-4	=26x300=7800/-	450/-	8250/-
Grade-5	=26x300=7800/-	450/-	8250/-

CA may kindly approve.

Praveen Kumar

T. A.

OIC (Chem)

Head, CL DDGL may kindly approve the testing charges.

As decided by Competent Authority, the testing charges are Rs.3250.00 (for Grade 1, 2 & 3) and Rs.8250.00 (for Grade 4 & 5).

(P. Rajesh)
Sc.E, LPPD

Head, LPPD/DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY

(Q.A. Department)

Our Ref:CL/QA/79

14 Feb 2005

TESTING CHARGES FOR ALUMINO-FERRIC AS PER IS 299:1989

Sl..No.	Characteristics	Clause no.	Man- Hours			
			Gr.1	Gr.2		Gr.3
				Ty.1	Ty.2	
1.	Insoluble matter	Table 1	2	2	2	2
2.	Soluble iron	-- do --	2	2	2	2
3.	Water soluble aluminium compounds	-- do --	3	3	3	3
4.	pH	-- do --	1	1	1	1
*5.	Basicity	-- do --	1	1	-	1
*6.	Free acidity(as H ₂ SO ₄)	-- do --	-	-	1	-
ADDITIONAL REQUIREMENTS						
7.	Lead	-- do --	2	2	2	2
8.	Arsenic	-- do --	2	2	2	2
		Total	13	13	13	13
		PREPARATION OF TEST REPORT	1			
		TOTAL				
		TIME	14hrs			

* Gr.2 is further divided into Type-1 &2. Basicity test to be done in Type 1 only & Free acidity in type 2 only. Hence testing charges will be same for both Type 1 & 2 in Gr.2 of IS 299:89.

Testing charges per man-hour are Rs.75.00. Hence, complete testing charges of the product are 75X14= Rs.1050.00 for each grades.

The proposal is made on the basis of information received from testing lab.

DDGL may kindly approve.

(K.S. Arya)
STA(QA)

D&H(QA)
DDGL

The revised BIS testing charges for IS 302-2-3:2007 effective from 07-11-2016

**BIS CENTRAL LABORATORY
(Electrical Department)**

Our Ref: CL/E/IS 302-2-3

4th May 2016

TESTING CHARGES FOR IS: 302-2-3:2007 FOR SAFETY OF ELECTRIC IRONS

S.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Protection against electric shock	8	1
2.	Input	10	1
3.	Temperature rise	11	1
4.	Operation under overload conditions	12	NA
5.	Electrical insulation and leakage current at operating temperature	13	1
6.	Moisture resistance	15	3
7.	Insulation resistance and Electric STRENGTH (after humidity)	16	2
8.	Abnormal operation	19	2
9.	Stability and mechanical hazards	20	0.5
10.	Mechanical strength	21	2
11.	Construction	22	0.5
12.	Internal wiring	23	0.5
13.	Components	24	0.5
14.	Cord grip and cord guard	25	5
15.	Earthing connection	27	0.5
16.	Screws and connections	28	1
17.	Creepage distances and clearances	29	0.5
18.	Resistance to heat, fire & Tracking	30	2
19.	Resistance to rusting	31	1
	PREPARATION OF TEST REPORT		2

TOTAL TIME

27

Electricity Consumed: 25 units @ Rs.9 per unit: Rs.225.00

Testing charges per man hour are Rs. 300.00

Hence complete testing charges for the product are: Rs.8325.00.

A K SHARMA

LO (A)

OIC(E)

Head(CL) - DDG (Labs) may kindly approve the testing charges.

As decided by Competent Authority, the testing charges for the product are Rs.8330.00 (rounded off)

(Kshitij Bathla)

Sc.B, LPPD

HLPPD/DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/14:0

2001-09-18

TESTING CHARGES FOR IS: 302-2-3:1992 FOR SAFETY OF ELECTRIC IRONS

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Protection against electric shock	8	1
2.	Input	10	1
3.	Temperature rise	11	1
4.	Operation under overload conditions	12	2
5.	Electrical insulation and leakage current at operating temperature	13	1
6.	Moisture resistance	15	3
7.	Insulation resistance and	16	2

	Electric STRENGTH (after humidity)		
8.	Abnormal operation	19	2
9.	Stability and mechanical hazards	20	0.5
10.	Mechanical strength	21	2
11.	Construction	22	0.5
12.	Internal wiring	23	0.5
13.	Components	24	0.5
	Cord grip and cord guard	25	5
15.	Earthing connection	27	0.5
16.	Screws and connections	28	1
17.	Creepage distances and clearances	29	0.5
18.	Resistance to heat, fire & Tracking	30	2
19.	Resistance to rusting	31	1

PREPARATION OF TEST REPORT

2

TOTAL TIME

29

Electricity Consumed : 25 units @ Rs.4 per unit : Rs.100.00

Testing charges per man hour are Rs. 75.00

Hence complete testing charges for the product are :Rs.2275.00

DG may please approve.

(V.K. Sethi)

TS (QA)

D&H (QA) /DDGL/ADGT/DG

Page 1 of 2
BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/14:0

2001-09-18

TESTING CHARGES FOR IS: 302-2-21:1992 SAFETY OF STORAGE TYPE ELECTRIC WATER
HEATERS

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Marking	7	0.5
2.	Protection against electric shock	8	1
3.	Input	10	1
4.	Temperature rise	11	2
5.	Operation under overload conditions	12	4
6.	Electrical insulation and leakage current at operating temperature	13	3
7.	Moisture resistance	15	3
8.	Insulation resistance and Electric STRENGTH (after humidity)	16	5
9.	Abnormal operation	19	2
10.	Stability and mechanical hazards	20	1
11.	Construction	22	2
12.	Internal wiring	23	0.5
13.	Components	24	2

14.	Supply connections for external Flexible cable & cord	25	2
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Page 2 of 2

15.	Terminals for external conductors	26	N.A.
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16.	Provisions for Earthing	27	1
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17.	Screws and connections	28	1
-----	------------------------	----	---

18.	Creepage distances and clearances	29	1
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19.	Resistance to heat, fire & Tracking	30	3
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20.	Resistance to rusting	31	1
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	Preparation of samples		1
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	PREPARATION OF TEST REPORT		2
--	----------------------------	--	---

	TOTAL TIME		39
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Electricity Consumption : 25 units @ Rs.4 per unit : Rs.100.00

Testing charges per man hour are Rs. 75.00

Hence complete testing charges for the product are :Rs.3025.00.

DG may please approve.

(V.K. Sethi)
TS (QA)

D&H (QA)
DDGL
ADGT
DG

The revised BIS testing charges for IS 302-2-30:2007 effective from 24-03-2017

**BIS CENTRAL LABORATORY
(Electrical Department)**

Our Ref: CL/E/IS 302-2-30

4th May 2016

TESTING CHARGES FOR IS: 302-2-30:2007 FOR SAFETY OF ELECTRIC RADIATOR

S.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Protection against electric shock		1

2.	Input	10	1
3.	Temperature rise	11	4
4.	Electrical insulation and leakage current at operating temperature	13	3
5.	Moisture resistance	15	3
6.	Abnormal operation	19	2
7.	Stability and mechanical hazards	20	1
8.	Mechanical Strength	21	1
9.	Construction & Test on guard	22	2
10.	Internal wiring	23	1
11.	Components	24	1
12.	Supply and connections Flexible cable & cord	25	1
13.	Cord grip and cord guard		1
14.	Earthing connections	27	1
15.	Screws and Connections	28	1
16.	Creepage and Clearance	29	1

17.	Resistance to heat, fire & Tracking	30	2
18.	Resistance to rusting	31	1
	Preparation of test report		2
	TOTAL TIME		30

Electricity Consumption : For upto 1kw 105 units @ Rs.9 per unit : Rs.945.00
For upto 2kw 210 units @ Rs.9per unit : Rs.1890.00

Testing charges per man hour Rs. 300.00

Hence complete testing charges for the product are:

Radiators up to 1 kW: Rs.9945.00/- (Rounded off to Rs.9950/-
Radiators 1.5 & 2 kW: Rs.10890.00/- (Rounded off to Rs.10900/-
)

A K SHARMA
LO (A)

OIC(E)

Head(CL)

DDGL

Please Refer to Revised Testing Charges mentioned above

Page 1 of 2

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/14:0

2001-09-18

TESTING CHARGES FOR IS: 302-2-30:1992 FOR SAFETY OF ELECTRIC RADIATOR

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Protection against electric shock	9	1
2.	Input	10	1
3.	Temperature rise	11	4
4.	Electrical insulation and leakage current at operating temperature	13	3
5.	Moisture resistance	15	3
6.	Abnormal operation	19	2
7.	Stability and mechanical hazards	20	1
8.	Mechanical Strength	21	1
9.	Construction & Test on guard	22	2
10.	Internal wiring	23	1

11.	Components	24	1
12.	Supply and connections Flexible cable & cord	25	1
13.	Cord grip and cord guard		1
14.	Earthing connections	27	1
15.	Screws and Connections	28	1

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
16.	Creepage and Clearance	29	1
17.	Resistance to heat, fire & Tracking	30	2
18.	Resistance to rusting	31	1
	Preparation of test report		2
	TOTAL TIME		28

Electricity Consumption : For upto 1kw 105 units @ Rs.4 per unit : Rs.420.00
For upto 2kw 210 units @ Rs.4 per unit : Rs.840.00

Testing charges per man hour Rs. 75.00

Hence complete testing charges for the product are :

Radiators upto 1 Kw : Rs.2520.00/-

Radiators 1.5 & 2Kw : Rs.2940.00/-

DG may please approve.

(V.K. Sethi)
TS (QA)

D&H (QA)

DDGL

ADGT

DG

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/14:0

2001-07-03

TESTING CHARGES FOR IS 302-2-35:1992 SAFETY OF INSTANTANEOUS WATER HEATERS

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Marking	7	0.5
2.	Protection against electric shock	8	1
3.	Input	10	1
4.	Temperature rise	11	2
5.	Operation under overload conditions	12	12
6.	Electrical insulation and leakage current at operating temperature	13	1.5
7.	Moisture resistance	15	3
8.	Insulation resistance and Electric STRENGTH (after humidity)	16	2.5
9.	Abnormal operation	19	2
10.	Stability and mechanical hazards	20	1
11.	Mechanical strength	21	0.5
12.	Construction	22	2
13.	Internal wiring	23	0.5

14.	a) Components	24	1
	b) Components(for closed type only)		5
15.	Supply connections for external Flexible cable & cord	25	2
16.	Provisions for Earthing	26	0.5
17.	Screws and connections	28	1
18.	Creepage distances and clearances	29	1
19.	Resistance to heat, fire & Tracking	30	3
20.	Resistance to rusting	31	1
	Preparation of samples		1
	PREPARATION OF TEST REPORT		2

	TOTAL TIME for closed type		46

for others 42

Electricity Consumed : 70 units @ Rs.4 per unit: Rs.280.00

Testing charges per man hour are Rs. 75.00.

Hence complete testing charges for the product are :

For closed type water heaters : Rs.3730.00

For others : Rs.3430.00

DG may please approve.

(V.K. Sethi)

TS (QA)

D&H (QA)

DDGL

ADGT

The revised BIS testing charges for IS 302-2-201:2008 effective from 07-11-2016

**BIS CENTRAL LABORATORY
(Electrical Department)**

Our Ref: CL/E/IS 302-2-201

4th May 2016

TESTING CHARGES FOR IS: 302-2-201:2008 SAFETY OF IMMERSION WATER HEATERS (FOR ONE SAMPLE OF TWO IMMERSION WATER HEATERS)

S.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Protection against electric shock	8	1
2.	Input	10	1
3.	Temperature rise	11	3
4.	Electrical insulation and leakage current at operating temperature	13	1
5.	Moisture resistance	15 & 16	3
6.	Abnormal operation	19	3
7.	Terminals for external conductors	26	1
8.	Earthing connection	27	1
9.	Creepage distances and clearances	29	1
10.	Resistance to heat	30	1
11.	Resistance to rusting	31	1
12.	Visual examination	7,22,23 & 24	1
	PREPARATION OF TEST REPORT		2

TOTAL TIME

20

Electricity Consumed : For 1 kw & 1.5 kw 50 units @ Rs.9 per unit:Rs.450.00
For 2.0 kw & 3 kw 150 units @Rs.9 per unit:Rs.1350.00

Testing charges per man hour are Rs. 300.00

Hence complete testing charges for the product are as follows:

For 1kW & 1.5 kW: Rs.6450.00

For 2 kW and 3 kW: Rs.7350.00

A K SHARMA
LO (A)

OIC(E)

Head(CL) - DDG (Labs) may kindly approve the testing charges.

As decided by Competent Authority, to keep the uniformity of testing charges for different wattage (kW), the testing charges (taken as average of all wattage) is Rs.6900.00 (for 1 kW to 3 kW).

(Kshitij Bathla)
Sc.B, LPPD

Head, LPPD
DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/14:0

2001-09-18

TESTING CHARGES FOR IS: 302-2-201:1992 SAFETY OF IMMERSION WATER HEATERS
(FOR ONE SAMPLE OF TWO IMMERSION WATER HEATERS)

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Protection against electric shock	8	1
2.	Input	10	1
3.	Temperature rise	11	3
4.	Operation under overload conditions	12	5
5.	Electrical insulation and leakage current at operating temperature	13	1
6.	Moisture resistance	15 & 16	3
7.	Abnormal operation	19	3
8.	Terminals for external conductors	26	1
9.	Earthing connection	27	1
10.	Creepage distances and	29	1

clearances

11. Resistance to heat 30 1

Page 2 of 2

12. Resistance to rusting 31 1

13. Visual examination 7,22,23 & 24 1

PREPARATION OF TEST REPORT 2

TOTAL TIME -----
25

Electricity Consumed : For 1 kw & 1.5 kw 50 units @ Rs.4 per unit:Rs.200.00
For 2.0 kw & 3 kw 150 units @Rs.4 per unit:Rs.600.00

Testing charges per man hour are Rs. 75.00

Hence complete testing charges for the product are as follows:

For 1kw & 1.5 kw : Rs.2075.00

For 2 kw and 3 kw: Rs.2475.00

DG may please approve.

(V.K. Sethi)

TS (QA)

D&H (QA)

DDGL

ADGT

DG

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1991-10-15

TESTING CHARGES FOR IS 303:1989 PLYWOOD FOR GENERAL PURPOSES (THIRD REVISION)

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Type and Quality requirements	5 Table 1 & 2	2
2.	Materials	6	
	a) Timber	6.1	5
	b) Adhesive (if supplied)	6.2 As per IS 848:1974	
3.	Dimensions and Tolerances	8	
4.	Workmanship & Finish	9	2
5.	Marking	12	
6.	Tests	11	
	A) Glue Adhesion test	11.2	
	i) Glue Shear strength in dry state	11.2.1	1½
	ii) Mycological test	11.2.2	3
	iii) Water resistance test for BWR Grade MR Grade	11.2.3	4
	b) Moisture content	11.3	1½
	PREPARATION OF TEST REPORT		½
	TOTAL TIME:		23

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are as follows.

Testing Charges for the above test excluding the test mentioned at Sl. No. 2(b) are Rs.1725.00

Testing charges for testing Adhesive (if supplied) shall be levied extra as the IS standard above.

*Facility for identification of species of timber used for thin veneers is not available at CL.

APPROVED BY THE COMPETENT AUTHORITY:

NOTE: REVISED TESTING CHARGES PLACED BELOW:

BUREAU OF INDIAN STANDARDS
[PP&C(T&C)]

Our Ref: PP&C(T&C)/51:1
Sub: Revision of BIS Testing Charges.

14.10.2014

In continuation to revision of BIS Testing charges for as circulated vide note of even nos. dated 26.06.2014 & 29.08.2014, testing charges for another six products have been reviewed and as decided by the CA, the revised testing charges of the same, are given in Annex-1. The revised BIS testing charges for the ISS listed in Annex-1 shall be effective from 14.10.2014 and applicable for samples sent to BIS T&Cs for testing after 13.10.2014.

The above revised BIS testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates. The revision of testing charges of OSLs, if any, shall be reviewed and decided in due course.

All Testing Centres/ROs/BOs are advised to note the above for implementation by the said date.

Encl. As above.

(Dileep Kumar)
Sc. F & Head[PP&C(T&C)]

Sc. 'G' &DDG(T&C)

Circulated to all Heads of T&Cs/ROs/BOs/DDG(Cert.)/CMDs/DDGF

Copy to : H(ITS)- With a request to get the circular hosted on BIS Intranet.

Revised testing charges of IS 303: 1989-Specification for Plywood for General Purposes

SI No	BIS testing charges (Rs.)	Total Testing Charges for all parameters as per IS 303		Additional Testing Charges for			
		BWR Grade	MR Grade	Veener	Adhesive (as per IS 848)		Extender (as per IS 1508)
					BWR	MR	
1	Revised	2000/-	2000/-	Moisture Content: 400/- Thickness : 350/- Identification : 400/-	As per testing charges of IS 848:2006	As per testing charges of IS 848:2006-	As per IS 1508

Note: REVISED TESTING FOR IS 303:1989 W.E.F. 27-07-2015 IS PLACED BELOW :

BUREAU OF INDIAN STANDARDS
[LPPD]

Our Ref: LPPD/51:1
Sub: Revision of BIS Testing Charges.

22.07.2015

BIS Testing charges for four products have been reviewed and as decided by the CA, the revised testing charges of the same, are given in Annex-1. The revised BIS testing charges for the ISS listed in Annex-1 shall be effective from 27-07-2015 and applicable for samples sent to BIS T&Cs for testing after 26-07-2015.

In addition to the above, the testing charges of IS 1328: 1996 Veneered Decorative Plywood, have also been reviewed and as decided by CA, the testing charges for this product shall continue at existing rate of Rs. 2700.00.

The above revised BIS testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates. The revision of testing charges of OSLs, if any, shall be reviewed and decided in due course.

All BIS labs/ROs/BOs are advised to note the above for implementation by the said date.

(Dileep Kumar)
Sc. F & Head[LPPD]

Sc. 'G' & DDG(Labs)

Encl. As above.

Circulated to all Heads of Labs/ROs/BOs/DDG(Cert.)/CMDs/DDGF

Copy to : H(ITS)- With a request to get the circular hosted on BIS Intranet.



**Testing Charges for
IS 303: 1989 Plywood for General Purposes (with/without ECO MARK)**

(w.e.f. 27 July 2015)

S. No.	Clause No.	Requirements/ Characteristics	Manhours spent in Testing (in hrs)	Manhour cost of testing (@ ₹ 300 /manhour)	Power consumption (if intensive) (in kWh)	Cost of power (@ ₹ 9 per kWh)	Consumable cost (if significant)	Total cost of test	Remarks
1	2	3	4	5	6	7	8	9	10
1	5 (Table 1 & 2)	Type & Quality requirements (Surface Defects)	0.5	₹ 150.00	0	0	0	₹ 150.00	
2	6	Materials							
a)	6.1	Timber							As declared by Manufacturer
b)	6.2	Adhesive							As per IS 848
c)	6.2.1	Extenders							As per IS 1508
3	8 & 9	Dimensions & Tolerances and Workmanship & Finish	1	₹ 300.00	0	0	0	₹ 300.00	
4	11.2.1	Water Resistance Test	2	₹ 600.00	10	90	0	₹ 690.00	Batch conditioning of 2 samples together
5	11.2.2	Mycological test	2	₹ 600.00	25	225	50	₹ 875.00	(i) For MR grade only (ii) Batch conditioning of 2 samples together
6	11.3	Moisture Content	2	₹ 600.00	0	0	0	₹ 600.00	
7	11.4	Static Bending Strength	6	₹ 1,800.00	10	90	0	₹ 1,890.00	Batch conditioning of 2 samples together

8	12	Marking	0.25	₹ 75.00	0	0	0	₹ 75.00	
9		Preparation of Test Report	1	₹ 300.00	0	0	0	₹ 300.00	
		TOTAL	14.75	₹ 4,425.00	45	405	50	₹ 4,880.00	

Hence, complete testing charges (rounded to nearest Rs. 50.00) for the product (excluding tests at Sl. No. 2) are as follows:

For BWR Grade ₹ 4,000.00

For MR Grade ₹ 4,900.00

Testing charges for testing of Adhesive & Extender (if supplied) shall be levied extra as per the relevant IS mentioned above.

Testing charges for Veneer (if supplied) shall be levied extra as per the details given below:

(i) Moisture content ₹ 600.00

(ii) Thickness ₹ 150.00

(iii) Identification ₹ 300.00

Total ₹ 1,050.00

(Sudheer Bishnoi)

Sc D (LPPD)

Sc F & Head (LPPD)

Sc G & DDG (Labs)

The revised BIS testing charges for IS 306:1983 effective from 15-04-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES FOR TIN BRONZE INGOTS & CASTING AS PER IS 306:1983

Sl. No.	Characteristics	Clause no.	Man-Hours	Electricity power consumed kwh	Cost of consumable Rs.
A.	TEST PARAMETERS				
1.	Tin	3.1, Table 1	2	2kwh	50.00
2.	Zinc	-- do --	2	2kwh	50.00
3.	Lead	-- do --	2	1kwh	50.00
4.	Nickel	-- do --	2	2kwh	50.00
5.	Iron	-- do --	2	2kwh	50.00
6.	Aluminium	-- do --	2	2kwh	50.00
7.	Silicon	--do --	2.5	4kwh	50.00
8.	Bismuth	-- do --	3	2kwh	100.00
9.	Arsenic	-- do --	3	2kwh	100.00
10.	Antimony	-- do --	2	2kwh	100.00
11.	Mechanical Proerpties	4	5		
B.	Electricity power consumed			21kwh	
C.	Cost of Consumables/CRMs		--		650.00
D.	PREPARATION OF TEST REPORT		3		
	TOTAL	TIME	30..5 (Rounded 31)		

Testing charges per man-hour are Rs.300.00. Hence complete testing charges for the products is:

Total Rs.31x300+21x9+650=10089.00 (**Rounded Rs.10090.00**)

DDGL may kindly approve.

(P. Rajesh)
Sc.E, LPPD

Head, LPPD

DDG(Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/79

2 Nov 2006

TESTING CHARGES FOR TIN BRONZE INGOTS & CASTING AS PER IS 306:1983

Sl..No.	Characteristics	Clause no.	Man-Hours	Electricity Power Consumed kwh	Cost of consumables including reference material where- ever applicable
A. TEST PARAMETERS					
1.	Tin	3.1, Table 1	2	2kwh	50.00
2.	Zinc	-- do --	2	2kwh	50.00
3.	Lead	-- do --	2	1kwh	50.00
4.	Nickel	-- do --	2	2kwh	50.00
5.	Iron	-- do --	2	2kwh	50.00
6.	Aluminium	-- do --	2	2kwh	50.00
7.	Silicon	--do --	2.5	4kwh	50.00
8.	Bismuth	-- do --	3	2kwh	100.00
9.	Arsenic	-- do --	3	2kwh	100.00
10.	Antimony	-- do --	2	2kwh	100.00
11.	Mechanical Proerproperties	4	5		
B. Electricity power consumed Cost of Consumables/CRMs				21kwh	C. 650.00
D. PREPARATION OF TEST REPORT			3		
TOTAL		TIME	30..5 (Rounded 31)		

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the products is:

$$\text{Total Rs. } 31 \times 75 + 21 \times 4 + 650 = 3059.00$$

The proposal is made on the basis of information received from testing lab.

DDGL may kindly approve.

D&H(QA)
DDGL

(K.S. Arya)
STA(QA)

BIS CENTRAL LABORATORY, SAHIBABAD

[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1988-08-26

TESTING CHARGES FOR IS 318:1981 LEADED TIN BRONZE INGOTS AND CASTINGS

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS	
			Grades LTB4 & LTB 6	Grades LTB1, LTB2 LTB3, LTB5
1.	Chemical compositions	3		
	a) Tin		2	2
	b) Zinc		2	2
	c) Lead		2	2
	d) Nickel		2	2
	e) Aluminium		--	2½
	f) Silicon		2	2
	g) Antimony		2	2
	h) Iron		1½	1½
2.	Tensile Test	4	2½	2½
3.	Pressure Test (for casting only) (Optional)	5	1½	1½
4.	Freedom from defects Visual examining)	6	½	½
5.	Size and Shape (for casting only)	7.2	1½	1½
6.	Weight		½	½
	PREPARATION OF TEST REPORT		½	½

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the excluding optional test are as under :

Grades LTB1, LTB2, LTB3 & LTB5 Rs.1650.00 for Casting
Rs.1500.00 for Ingots

Grades LTB4 & LTB 6 Rs.1425.00 for Casting
Rs.1350.00 for Ingots

Optional Pressure test Rs.150.00
(Applicable to casting only)

APPROVED BY THE COMPETENT AUTHORITY:

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/14:0

2001-08-24

TESTING CHARGES FOR IS: 319:1989 BRASS, BARS, RODS & SECTIONS

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Freedom from defects	5	0.5
2	Dimensions & Tolerances	7	1.5
3.	Chemical composition	8.1,Table 1	
i)	Copper		2
ii)	Lead		2
iii)	Iron		2
iv)	Total other impurities (excluding iron)		2
v)	Zinc		0.5
4.	Tensile properties	9.1-9.4	6
5.	Mercurious Nitrate test (if, required)	10	2
	PREPARATION OF TEST REPORT		1

	TOTAL TIME(Rounded)		20

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are Rs.1500.00

DG

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1990-10-09

TESTING CHARGES FOR IS 320:1980 HIGH TENSILE BRASS RODS & SECTIONS
(OTHER THAN FORGING STOCK) (SECOND REVISION)

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Chemical composition		
	a) Copper plus incidental nickel		3
	b) Tin		2
	c) Lead		2
	d) Iron		1½
	e) Manganese		1½
	f) Aluminium		2
	g) Antimony		1½
	h) Other impurities		2
2.	Tensiles test	6.1	
	i) Upto 4 mm		2
	ii) Above 40 mm		3
3.	Mercurous nitrate test	6.2	1
4.	Freedom from defects	7.1	½
5.	Dimensions	8.1	½
	PREPARATION OF TEST REPORT		½

TOTAL TIME:

23

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are as follows.

Upto 40 mm sections

For complete testing of product : Rs.1500.00

Above 40 mm sections

For complete testing of product : Rs.1675.00

APPROVED BY THE COMPETENT AUTHORITY:

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/79

4 May 2005

TESTING CHARGES FOR RECTIFIED SPIRIT AS PER IS 323:1959.

Sl. No.	Characteristics	Clause no.	Man-Hours	
			Gr.1	Gr.2
1.	Specific gravity at 15.6 deg.C	Table 1, Cl.5.2	2	2
2.	a) Ethanol content	--- do --	0.5	0.5
	b) Degree over proof	--- do ---	0.5	0.5
3.	Miscibility with water	--- do ---	0.5	0.5
4.	Alkalinity	--- do ---	0.5	0.5
5.	Acidity	--- do ---	0.5	0.5
6.	Residue on evaporation	--- do ---	1	1
7.	Aldehyde content	--- do ---	2	-
8.	Ester content	--- do ---	1	-
9.	Copper	--- do ---	1	-

10.	Lead	--- do ---	1	-
11.	Methyl alcohol content	--- do ---	1	-
12.	Fusel oil content	--- do ---	1	-
13.	Furfural content	--- do ---	1	-
14. *	For acetone manufacture additional requirements are:			
	i) Total sulphur & compounds of sulphur	Table 2, Cl.5.3	3	
	ii) Sulphur dioxide	--- do --	3	
	PREPARATION OF TEST REPORT		1	1

TOTAL TIME

20.5 (i.e.21) 6.5 (i.e.7)

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are:

For Grade 1 with addl. requirements = $75 \times 21 = \text{Rs.}1575.00$

For Grade 1 without addl. Requirements = $75 \times 15 = \text{Rs.}1125.00$

For Grade 2 = $75 \times 7 = \text{Rs.}525.00$

* Test facilities are not available for the additional requirements.

The proposal is made on the basis of information received from testing lab.

DDGL may kindly approve.

(K .S. Arya)
STA(QA)

D&H(QA)
DDGL

The revised BIS testing charges for IS 325:1996 effective from 15-05-2016

LABORATORY POLICY AND PLANNING DEPTT

TESTING CHARGES FOR IS:325:1996 THREE PHASE INDUCTION MOTORS.

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Dimensions	10	2
2.	Measurement of resistance of windings of Stator & Wound -- motors		0.5
3.	No Load test	23.1	0.5
4.	Reduced voltage running up test at no load	23.2	0.5
5.	Open circuit voltage ratio of wound rotor motors	23.3	1
6.	Locked rotor reading of Voltage, Current & power Input at suitable reduce voltage	23.4	1
7.	Full load test	23.5	2
8.	Temp. rise test	14	3
9.	Momentary overload test	13	0.5
10.	High Voltage test	24	0.5
11.	Insulation resistance test	25	0.5
12.a)	Test for vibration severity (Optional)		*
b)	Test for noise levels (optional)		*
c)	Degree of protection by enclosure (optional)		*

- d)Overspeed test(Optional) *
- e)Test on insulation system (optional) *

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
13.	Temp. rise test at limiting values of voltage & frequency variations --	3	
14.	Earthing	11	0.5
15.	Terminal box and terminal marking	19	
	Preparation of sample		2
	PREPARATION OF TEST REPORT		2
	----- TOTAL TIME (Rounded) -----		20
		Electricity consumed: 100 units @ Rs.9/- per unit:Rs.900	

Testing charges per man hour are Rs. 300.00. Hence testing charges for the product are :**Rs.6900.00**
(Excluding tests at Sl. No.12) a),b),c),d) & e).

* Testing facilities for optional tests at Sl. Nos 12) a),b),c),d) & e) are not available at CL. These are subject to mutual agreement between purchaser & the manufacturer.

DDGL may kindly approve.

(Anurita)

Sc.C, LPPD

Head, LPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/Lab/14:0

2001-07-31

TESTING CHARGES FOR IS:325:1996 THREE PHASE INDUCTION MOTORS.

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Dimensions	10	2
2.	Measurement of resistance of windings of Stator & Wound -- motors		0.5
3.	No Load test	23.1	0.5
4.	Reduced voltage running up test at no load	23.2	0.5
7.	Open circuit voltage ratio of wound rotor motors	23.3	1
8.	Locked rotor reading of Voltage, Current & power Input at suitable reduce voltage	23.4	1
7.	Full load test	23.5	2
8.	Temp. rise test	14	3
9.	Momentary overload test	13	0.5

10.	High Voltage test	24		0.5
11.	Insulation resistance test	25		0.5
12.a)	Test for vibration severity (Optional)			*
b)	Test for noise levels (optional)		*	
c)	Degree of protection by enclosure (optional)		*	
d)	Overspeed test(Optional)			*
e)	Test on insulation system (optional)	*		

page 2 of 2

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
13.	Temp. rise test at limiting values of voltage & frequency variations	--	3
14.	Earthing	11	0.5
15.	Terminal box and terminal marking	19	
	Preparation of sample		2
	PREPARATION OF TEST REPORT		2
	----- TOTAL TIME (Rounded) -----		20
			Electricity consumed: 100 units @ Rs.4/- per unit:Rs.400

Testing charges per man hour are Rs. 75.00. Hence testing charges for the product are :Rs.1900.00
(Excluding tests at Sl. No.12) a),b),c),d) & e).

* Testing facilities for optional tests at Sl. Nos 12) a),b),c),d) & e) are not available at CL. These are subject to mutual agreement between purchaser & the manufacturer.

DG

भारतीय मानक ब्यूरो / Bureau Of Indian Standards
बैंगलोर शाखा प्रयोगशाला / Bangalore Branch Laboratory

सन्दर्भ :
बीएनबीएल/केमिकल/2023/VK/Oct/17

दिनांक: 17-Oct-
2023

Testing charges for Potassium Permanganate, TECHNICAL, PURE and AR
Grade as per IS 333: 2023

S. No.	IS / Clause No.	Requirement / Characteristic	Man hours spent in testing	Man hour cost of testing	Power consumption (if intensive) (kWh) Remark 1	Cost of power Remark 1	Consumables cost (if significant) Rs.	Total cost of test	Testing time for the purpose of time norms	Sample preparation/ conditioning/ curing time etc for the purpose of time norms	Total time for the purpose of time norms	Remarks
1	2	3	4	5=4xRs 300	6	7=6xRs 9	8	9=5+7+8	10	11	12=10+11	13
1	CI 4.2,B-7.2.2.1 T-1, Annx-B2	Potassium Permanganate content	2.5	750	3	27	50	827	3.0		3	
2	CI 4.2,B-7.2.2.1 T-1, Annx-B3	Insoluble Matter	2	600	4	36	50	686	2.5		2.5	
3	CI 4.2,B-7.2.2.1 T-1, Annx-B4	Chlorides	1	300	0	0	50	350	1.5		1.5	
4	CI 4.2,B-7.2.2.1 T-1, Annx-B5	Sulphates	2.5	750	3	27	50	827	3.0		3	
5	CI 4.2,B-7.2.2.1 T-1, Annx-B6	Nitrogen compounds	3	900	4	36	100	1036	3.5		3.5	
6	CI 4.2,B-7.2.2.1 T-1, Annx-B7	Arsenic	2	600	2	18	50	668	2.5		2.5	
7	CI 4.2,B-7.2.2.1 T-1,	Loss on Heating	2.5	750	4	36	0	786	3.0		3	

	Annx-B8											
8	Other	Man hours for test report preparation	1	300	0	0	0	300	0.0		1	
		Total	16.5	4950	20	180	350	5480			20	

Cost of total manhours

Rs. 4650

Total electricity consumption:

Rs. 180

Total cost of consumables:

Rs. 350

Charges for preparation of test report

Rs. 300

Testing charges for the product:

Rs. 5480

Total time for the purpose of time norms

20

Remarks:

अधिकारी
प्रभारी
(रसायन)

वैज्ञानिक- ई / निदेशक एवं प्रमुख
बीएनबीएल

विकास कुमार
तकनीकी सहायक (प्रयोगशाला)

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1993-11-19

TESTING CHARGES FOR IS 335:1983 NEW INSULATING OILS

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Appearance	4.1 & i) Table 1	0.5
2.	Density at 27°C	" ii) "	0.5
3.	Kinematic Viscosity at 27°C	" iii) "	2
4.	Interfacial tension at 27°C	" iv) "	3*
5.	Flash Point, pensky marten (Closed)	" v) "	0.5
6.	Pour point	" vi) "	0.5
7.	Neutralization value	" vii) "	
	a) Total acidity		1
	b) Inorganic acidity/alkalinity		0.5
8.	Corrosive sulphur	" viii) "	2
9.	Electric strength (Break down voltage)	" ix) "	2
10.	Dielectric dissipations		

	factor(tan δ) at 90°C	"	x)	"	2*
11.	Specific resistance (Resistivity) at 90°C & 27°C	"	xi)	"	2
12.	Oxidation stability	"	xii)	"	
	a) Neutralization value after oxidation	³			
		³			15
	b) Total sludge, after oxidation	³			2
		³			
13.	Ageing characteristic after accelerated ageing	"	xiii)	"	10
14.	Pressure of oxidation inhibitor	"	xiv)	"	4
15.	Water content	"	xv)	"	3
16.	S.K. Value	"	xvi)	"	2
	PREPARATION OF TEST REPORT				2

TOTAL TIME :

57

Testing charges per man-hour are Rs. 75.00. Hence complete testing charges for the product are Rs.4275.00

*Facilities for these test do not exist at CL.

APPROVED BY THE COMPETENT AUTHORITY.

The revised BIS testing charges for IS 341:1973 effective from 15-05-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES FOR IS: 341:1973 BLACK JAPAN, TYPE A,B,C

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS			
			A	B	C	
1.	Composition	4.1	-	-	-	
2.	Resistance to Kerosene	4.2	-	1.5	1.5	
3.	Reaction with white paint	4.3		1.5	1.5	1.5
4.	Reaction with varnish Ext	4.4		1.5	1.5	-
5.	Resistance to heat	4.5	-	-	0.5	
6.	Durability	4.6		-	5	5
7.	Requirements as per Table 1					
i)	Dry time	Table 1 Sr.no.i)				
	a) Surface drying	a)				
	b) Hard dry	b)	2	2	2	
ii)	Finish	ii)	1.5	1.5	1.5	
iii)	Scratch Hardness	iii)				
iv)	Flexibility and adhesion	iv)	1.5	1.5	1.5	
v)	Stripping test	v)				
vi)	Flash point	vi)	2	2	2	
vii)	Volatile matter	vii)	3	3	3	
viii)	Ash Content	viii)	3	3	3	
PREPARATION OF TEST REPORT			0.5	0.5	0.5	
TOTAL TIME			17	23	22	
Keeping properties+ storage of samples			18	20	19	

Testing charges per man-hour are Rs.300.00. Hence complete testing charges for the product are as follows:

	Initial Testing
For type A	: Rs.5100.00
For type B:	Rs.6900.00
For type C	: Rs.6600.00

	Keeping Properties
	Rs.5400.00
	Rs.6000.00
	Rs.5700.00

DDGL may kindly approve.

(P. Rajesh)

Sc.E, LPPD

Head, LPPD
DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/14:0

2001-06-21

TESTING CHARGES FOR IS: 341:1973 BLACK JAPAN, TYPE A,B,C

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS			
			Type			
			A	B	C	
1.	Composition	4.1	-	-	-	
2.	Resistance to Kerosene	4.2	-	1.5	1.5	
3.	Reaction with white paint	4.3		1.5	1.5	1.5
4.	Reaction with varnish Ext	4.4		1.5	1.5	-
5.	Resistance to heat	4.5	-	-	0.5	
6.	Durability	4.6		-	5	5
8.	Requirements as per Table 1					
	i) Dry time	Table 1 Sr.no.i)				
	a) Surface drying	a)				
	b) Hard dry	b)	2	2	2	
	ii) Finish	ii)	1.5	1.5	1.5	
	iii) Scratch Hardness	iii)				
	iv) Flexibility and adhesion	iv)	1.5	1.5	1.5	
	v) Stripping test	v)				
	vi) Flash point	vi)	2	2	2	
	vii) Volatile matter	vii)	3	3	3	
	viii) Ash Content	viii)	3	3	3	
	PREPARATION OF TEST REPORT		0.5	0.5	0.5	
	TOTAL TIME		-----	-----	---	
	Keeping properties+			17	23	22
	storage of samples		18	20	19	

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are as follows:

Initial Testing

Keeping Properties

For type A	:	Rs.1275.00	Rs.1350.00
For type B:		Rs.1725.00	Rs.1500.00
For type C	:	Rs.1650.00	Rs.1425.00

DG

The revised BIS testing charges for IS 362:1991 effective from 22-08-2017

BIS CENTRAL LABORATORY, SAHIBABAD

[CHEMICAL DEPARTMENT]

TESTING CHARGES FOR IS 362:1991, Amnd-2
PARLIAMENT HINGES – SPECIFICATION

SI.No	TESTS	CLAUSE	MAN- HOURS
	Chemical composition		
1.	Material	4.2	As per referred ISS

Remarks: Testing charges for the material shall be levied as per relevant ISS referred.

CA may kindly approve.

**RakeshMeena
LO-B**

Sc-B(Chem)

OIC (Chem)

Bureau of Indian Standards
Central Laboratory
(Mechanical Lab)

Date : 28 06 2017

Sub : Proposal for Time Estimate for testing of Parliament Hinges as per **IS 362:1991**

Sno.	Characteristics	Clause No./ Table	Man- hours	Electric power required(kwh)	Consumable cost	Test facility at CL
						available /

				(in Rs.)	not available	
1	Material	4	Material as per corresponding ISS of table 1			
2	Dimension & Tolerances	5	4	Nil	Nil	available
3	Manufacture					
	i) General	6.1	0.5	Nil	Nil	available
	ii) Knuckle	6.2	0.5	Nil	Nil	available
	iii) Pins	6.3	0.5	Nil	Nil	available
	iv) Screw holes	6.4	0.5	Nil	Nil	available
4	Finish					
		7.1	0.5	Visual inspection		available
		7.2		Sent for chemical test		
	Preparation of Test Report,		1			
	TTRV record maintaining & calculations					
		Total = 7.5 hr				

$$\begin{aligned}
 \text{Total Cost} &= \\
 &7.5 \times 300 \\
 &= 2250
 \end{aligned}$$

TA (Lab)

DIC, Mech.

DIC, QA

Head, CL

As decided by CA, testing charges are Rs. 2250/- and material testing charges as per relevant referred ISs.

(Ankita Tripathi)
Sc.B, LPPD

Head, LPPD
DDGL

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/14:0

2003 11 13

TESTING CHARGES FOR IS: 363:1993 HASPS AND STAPLES

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Type	3	0.5
2.	Material	IS 783, 1285, 737, 292 1079, 280, 7608 & 739	
3.	Dimensions	5, Table 2 to 4	2.5
4.	Manufacture	6	0.5
5.	Finish	7 as per IS 1868	8
	PREPARATION OF TEST REPORT		2.5

	TOTAL TIME		14

Testing charges per man-hour are Rs.75.00. Hence complete testing charges excluding raw material for the product are Rs.1050.00

Testing charges for material has to be levied as per relevant ISS for material used.

DDGL may kindly approve.

(Veer Singh)

TS

D&H(QA)
DDGL

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1990-06-13

TESTING CHARGES FOR IS 365:1983 ELECTRIC HOT PLATES (Second Revision)

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Protection against electric shock	8	½
2.	Input	10	1
3.	Temperature rise	11	2
4.	Operation under overload conditions	12	4
5.	electrical insulation and leakage current at operation temp.	13	1
6.	Moisture resistance	15	2

7.	Insulation resistance and electric strength (after humidity treatment)	16	1
8.	Performance	10.1	3
9.	Thermal controls (if provided)	24	2
10.	Endurance	18	
	a) 1000 W		50
	b) 1250 W		57
	c) 1500 W		64
	d) 1750 W		77
	e) 2000 W		90
	f) 3000 W		130

S NO	TESTS	CLAUSE REF.	MAN-HOURS

	g) 4000 W		160
	h) 5000 W		190
11.	Stability and Mechanical hazards	20	½
12.	Abnormal operation	19	2
13.	Mechanical strength	21	½
14.	Cord grip and cord guard	25	1

15.	Screws and connections	28	½
16.	Creepage distance and clearances	29	½
17.	Resistance to heat fire tracking	30	3
18.	Resistance to rusting	31	1
	PREPARATION OF TEST REPORT		½

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are as follows

For 1000 W hot plates	Rs.5550.00
For 1250 W hot plates	Rs.6075.00
For 1500 W hot plates	Rs.6600.00
For 1750 W hot plates	Rs.7575.00
For 2000 W hot plates	Rs.8550.00
For 3000 W hot plates	Rs.11550.00
For 4000 W hot plates	Rs.13800.00
For 5000 W hot plates	Rs.16050.00

Additional charges for thermal control test wherever applicable
are Rs. 150.00

Note:- The above charges are for 2 Nos. of samples.

APPROVED BY THE COMPETENT AUTHORITY.

The revised BIS testing charges for IS 366:1991 effective from 15-05-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES FOR IS: 366:1991 ELECTRIC IRONS

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Safety Requirements	9 & Cl nos of IS 302-2-3:1992	
i)	Protection against electric shock	8	1
ii)	Input and current	10	1
iii)	Temperature rise	11	1
iv)	Operation under overload conditions	12	2
v)	Electric insulation and leakage current at operating temperature	13	1
vi)	Moisture resistance	15	3
vii)	Insulation Resistance and electric strength (after humidity)	16	2
viii)	Abnormal operation	19	2
ix)	Stability and mechanical hazards	20	0.5
x)	Mechanical strength	21	2
xi)	Construction	22	0.5
xii)	Internal wiring	23	0.5
xiii)	Components	24	0.5
xiv)	Cord grip and cord guard	25	5
xv)	Earthing connections	27	0.5
xvi)	Screws and connections	28	1
xviii)	Creepage distances	29	0.5

and Clearance		
xix)Resistance to heat &fire	30	2
xx)Resistance to rusting	31	1
2. Measurement of heating up time	10	1
3. Measurement of sole plate temp	11	3
4. Measurement of temp.dist.	12	2

Page 2 of 2

5. Measurement of initial overswing temp & heating up excess temp.	13	2
6. Measurement of cyclic fluctuation of temp. of hottest point	14	2
7. Measurement of temp.drop under load	15	2
8. Measurement of thermostatic stability		
a)Endurance test	16.1	11
b)Drop test	16.2	1
9. Finish	33	2

PREPARATION OF TEST REPORT		2
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TOTAL TIME

55

Electric consumption : 225 units @ Rs.9 per unit:Rs.2025.00

Testing charges per man hour are Rs.300.00

Hence complete testing charges for the product are Rs.16500+Rs.2025.00

=Rs.18525.00

However, as decided, the testing charges for Electric Iron have been pegged at Rs.12300/- (for all tests).

Hence, the complete testing charges applicable for the product = Rs.12300.00

DDGL may kindly approve.

(Anurita)
Sc.C, LPPD

Head, LPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

TESTING CHARGES FOR IS: 366:1991 ELECTRIC IRONS

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Safety Requirements	9 & Cl nos of IS 302-2-3:1992	
	i) Protection against electric shock	8	1
	ii) Input and current	10	1
	iii) Temperature rise	11	1
	iv) Operation under overload conditions	12	2
	v) Electric insulation and leakage current at operating temperature	13	1
	vi) Moisture resistance	15	3
	vii) Insulation Resistance and electric strength (after humidity)	16	2
	viii) Abnormal operation	19	2
	ix) Stability and mechanical hazards	20	0.5
	x) Mechanical strength	21	2
	xi) Construction	22	0.5
	xii) Internal wiring	23	0.5
	xiii) Components	24	0.5
	xiv) Cord grip and cord guard	25	5
	xv) Earthing connections	27	0.5
	xvi) Screws and connections	28	1
	xviii) Creepage distances and Clearance	29	0.5
	xix) Resistance to heat & fire	30	2
	xx) Resistance to rusting	31	1

2.	Measurement of heating up time	10	1
3.	Measurement of sole plate temp	11	3
4.	Measurement of temp.dist.	12	2

Page 2 of 2

5.	Measurement of initial overswing temp & heating up excess temp.	13	2
6.	Measurement of cyclic fluctuation of temp. of hottest point	14	2
7.	Measurement of temp.drop under load	15	2
8.	Measurement of thermostatic stability		
	a)Endurance test	16.1	11
	b)Drop test	16.2	1
9.	Finish	33	2
PREPARATION OF TEST REPORT			2

TOTAL TIME

55

Electric consumption : 225 units @ Rs.4 per unit:Rs.900.00

Testing charges per man hour are Rs.75.00
Hence complete testing charges for the product are :Rs.5025.00

DG may please approve.

(V.K. Sethi)
TS (QA)

D&H (QA)
DDGL
ADGT
DG

1 of 2

The revised BIS testing charges for IS 368:2014 effective from 07-11-2016

**BIS CENTRAL LABORATORY
(Electrical Department)**

Our Ref: CL/E/IS 368

4th May 2016

TESTING CHARGES FOR IS: 368:2014 IMMERSION WATER HEATERS
(FOR ONE SAMPLE OF TWO IMMERSION WATER HEATERS)

S.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Protection against electric shock	8 of IS 302-2-201:2008	1
2.	Input	10 "	1
3.	Temperature rise	11 "	3
4.	Operation under overload conditions	12 "	5
5.	Electrical insulation and leakage current at operating temperature	13 "	1
6.	Moisture resistance	15 & 16 "	3
7.	Endurance	10 of IS 368	8
8.	Abnormal operation	19 of IS302-2-201	3
9.	Mechanical Strength	21 "	1
10.	Cord grip and Cord Guard	25 "	1
11.	Earthing connection	27 "	1
12.	Creepage distances and clearances	29 "	1
13.	Resistance to heat	30 "	1
14.	Resistance to rusting	31 "	1

15. Finish

33 OF Is 368

1

16.	Visual examination	22,23 & 24	2
		of IS 302-2-201	
	PREPARATION OF TEST REPORT		2
		TOTAL TIME	36

Electricity Consumed : for 1 kw & 1.5 kw 150 units @ Rs.9 per unit: Rs.1350.00
for 2.0 kw & 3 kw 250 units @ Rs.9 per unit:Rs.2250.00

Testing charges per man hour are Rs.300.00 per

Hence complete testing charges for the product are as follows:

For 1 kW & 1.5 kW: Rs.12150.00

For 2 kW and 3 kW: Rs.13050.00

A K SHARMA
LO (A)

OIC(E)

Head(CL)

As decided by Competent Authority, to keep the uniformity of testing charges for different wattage (kW), the testing charges (taken as average of all wattage) is Rs.12600.00 (for 1 kW to 3 kW).

(Kshitij Bathla)
Sc.B, LPPD

Head, LPPD
DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/14:0

2001-09-18

TESTING CHARGES FOR IS: 368:1992IMMERSION WATER HEATERS
(FOR ONE SAMPLE OF TWO IMMERSION WATER HEATERS)

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Protection against electric shock	8 of IS 302-2-201:92	1
2.	Input	10 "	1
3.	Temperature rise	11 "	3
4.	Operation under overload conditions	12 "	5
5.	Electrical insulation and leakage current at operating temperature	13 "	1
6.	Moisture resistance	15 & 16 "	3
7.	Endurance	10 of IS 368:92	8
8.	Abnormal operation	19 of IS302-2-201;92	3
9.	Mechanical Strength	21 "	1
10.	Cord grip and Cord Guard	25 "	1
11.	Earthing connection	27 "	1
12.	Creepage distances and clearances	29 "	1
13.	Resistance to heat	30 "	1
14.	Resistance to rusting	31 "	1
15.	Finish	33 OF Is 368:92	1

16.	Visual examination	22,23 & 24	2
		of IS 302-2-201:92	
	PREPARATION OF TEST REPORT		2

		TOTAL TIME	36

Electricity Consumed : for 1 kw & 1.5 kw 150 units @ Rs.4 per unit: Rs.600.00
for 2.0 kw & 3 kw 250 units @ Rs.4 per unit:Rs.1000.00

Testing charges per man hour are Rs.75.00 per

Hence complete testing charges for the product are as follows:

For 1 KW & 1.5 kw : Rs.3300.00

For 2 kw and 3 kw : Rs.3700.00

DG may please approve.

(V.K. Sethi)
TS (QA)

D&H (QA)
DDGL
ADGT
DG

The revised BIS testing charges for IS 369:1992 effective from 15-05-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES FOR IS 369:1992 FOR ELECTRIC RADIATOR

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Protection against electric shock	9	1
2.	Input	10	1
3.	Temperature rise	11	4
4.	Electric insulation and leakage current	13	1
5.	Moisture resistance, insulation Resistance and electric strength after humidity	15 & 16	3
6.	Endurance	18	8
7.	Abnormal operation	19	2
8.	Stability and mechanical hazards	20	1
9.	Mechanical strength	21	1
10.	Construction and test on guard	22	2
11.	Internal wiring	23	1
12.	Components	24	1
13.	Supply and connections	25	1
14.	Cord grip and cord guard	25	1
15.	Earthing connections	27	1
16.	Screws and connections	28	1
17.	Creepage and Clearance	29	1

18. Resistance to heat and fire	30	2
19. Resistance to rusting	31	1
20. Finish	13	1
21. Dimensions	10	1

PREPARATION OF TEST REPORT 2

TOTAL TIME 38

Electricity Consumed :Upto 1 kw 160 units @ Rs.9 per unit:Rs.1440.00
 For 1.5 kw & 2.0 kw 260 units @ Rs.9 per unit:Rs.2340.00.

 Testing charges per man hour are Rs. 300.00

Hence complete testing charges for the product are as follows :

For upto and including 1KW: Rs.11400+1440.00=Rs.12840.00
For 1.5 & 2 kw : Rs. 11400+2340= Rs.13740.00

DDGL may kindly approve.

(Anurita)
Sc.C, LPPD

Head, LPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/14:0

2001-06-26

TESTING CHARGES FOR IS 369:1992 FOR ELECTRIC RADIATOR

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Protection against electric shock	9	1
2.	Input	10	1
3.	Temperature rise	11	4
4.	Electric insulation and leakage current	13	1
5.	Moisture resistance, insulation Resistance and electric strength after humidity	15 & 16	3
6.	Endurance	18	8
7.	Abnormal operation	19	2
8.	Stability and mechanical hazards	20	1
9.	Mechanical strength	21	1
10.	Construction and test on guard	22	2
11.	Internal wiring	23	1
12.	Components	24	1
13.	Supply and connections	25	1
14.	Cord grip and cord guard	25	1
15.	Earthing connections	27	1
16.	Screws and connections	28	1
17.	Creepage and Clearance	29	1
18.	Resistance to heat and fire	30	2

The revised BIS testing charges for IS 371:1979 effective from 15-05-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES for IS 371:1979 CEILING ROSE

S NO.	TESTS	CLAUSE REF.	MAN-HOURS
1.	Marking	8	0.5
2.	Material	3	0.5
3.	Constructional requirements	4.1 & 4.2	1.5
4.	Dimensions	9.2.2	1.5
5.	Creepage and clearances	6	0.5
6.	Test for insulation resistance (dry)	9.2.3	1
7.	High voltage	9.2.4	1
8.	Test for moisture resistance	9.2.5	1
9.	Temperature rise	9.2.6	1.5
10.	Test for screw and connections	9.2.7	1
11.	Mechanical strength test	9.2.8	1
12.	Test for Cord grip in service	9.2.9 & 7.1	2
13.	Water absorption test	9.2.10	1.5
14.	Resistance to abnormal heat and fire	9.2.11	2.0
	Preparation of sample		0.5
	PREPARATION OF TEST REPORT		2

		Total Time	19

Testing charges per man hour are Rs.300.00. Hence complete testing charges are **Rs.5700.00**

DDGL may kindly approve.

(Anurita)
Sc.C, LPPD

Head, LPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY, SAHIBABAD

[Q.A.DEPARTMENT]

OUR REF : CL/QA/14:0

2001 06 12

TESTING CHARGES for IS 371:1979 CEILING ROSE

S NO.	TESTS	CLAUSE REF.	MAN-HOURS
1.	Marking	8	0.5
2.	Material	3	0.5
3.	Constructional requirements	4.1 & 4.2	1.5
4.	Dimensions	9.2.2	1.5
5.	Creepage and clearances	6	0.5
6.	Test for insulation resistance (dry)	9.2.3	1
7.	High voltage	9.2.4	1
8.	Test for moisture resistance	9.2.5	1
9.	Temperature rise	9.2.6	1.5
10.	Test for screw and connections	9.2.7	1
11.	Mechanical strength test	9.2.8	1
12.	Test for Cord grip in service	9.2.9 & 7.1	2
13.	Water absorption test	9.2.10	1.5
14.	Resistance to abnormal heat and fire	9.2.11	2.0
	Preparation of sample		0.5
	PREPARATION OF TEST REPORT		2

		Total Time	19

Testing charges per man hour are Rs.75.00. Hence complete testing charges are Rs.1425.00.

DG may please approve.

(V.K. Sethi)
TS (QA)

D&H (QA)

DDGL

ADGT

DG

BIS CENTRAL LABORATORY, SAHIBABAD

[Q.A.DEPARTMENT]

OUR REF : CL/QA/14:0

2001 06 11

Testing charges for IS 374:1979 ELECTRIC CEILING TYPE FANS &
REGULATORS (Third Revision)

S NO.	TESTS	CLAUSE REF.	MAN-HOURS
1.	Sizes design & general construction	3 & 6	1
2.	Capactors	6.9	*
3.	Speed regulators	7.9	1
4.	Interchangeability test	7.11	2
5.	Air delivery test	10.3	16
6.	Temperature-rise test	10.4	2
7.	Leakage current test	10.5	0.5
8.	High voltage test	10.6	0.5
9.	Insulation resistant	10.7	0.5
10.	Starting test	10.8	0.5
11.	Fan speed and input	10.9	1
12.	Earthing connections	10.10	0.5
13.	Protection against electric shock (for regulators)	10.11	0.5
14.	Moisture resistance test (for regulators only)	10.12	1.5
15.	Mechanical strength (for regulators only)	10.13	1
16.	Suspension system	10.14	2
17.	Creepage distance & clearance_ _	10.15	0.5
18.	Mechanical endurance test (for regulators only)	10.16	3
	PREPARATION OF TEST REPORT		3
	TOTAL TIME :		37

Testing charges per man-hour are Rs. 75.00.

Hence testing charges for the product (one piece of fan) are Rs. 2775/-.
excluding testing charges for capacitors.

- Capacitors shall be tested as per IS 1709:1984 and testing charges leived accordingly.

DG may please approve.

(V.K. Sethi)
TS (QA)

D&H (QA)
DDGL
ADGT
DG

NOTE: REVISED BIS TESTING CHARGES PLACED BELOW

BUREAU OF INDIAN STANDARDS
[LPPD]

Our Ref: LPPD/51:1
Sub: Revision of BIS Testing Charges.

15-06-2015

BIS Testing charges for Five products have been reviewed and as decided by the CA, the revised testing charges of the same, are given in Annex-1. The revised BIS testing charges for the ISS listed in Annex-1 shall be effective from **15-06-2015** and applicable for samples sent to BIS T&Cs for testing after **14-06-2015**.

The above revised BIS testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates. The revision of testing charges of OSLs, if any, shall be reviewed and decided in due course.

All BIS labs/ROs/BOs are advised to note the above for implementation by the said date.

Encl. As above.

(Dileep Kumar)
Sc. F & Head[LPPD]

Sc. 'G' & DDG(Labs)

Circulated to all Heads of Labs/ROs/BOs/DDG(Cert.)/CMDs/DDGF

Copy to : H(ITS)- With a request to get the circular hosted on BIS Intranet.

↓
Testing Charges for

IS 374: 1979 Electric Ceiling type Fans & Regulators

(w.e.f. 15 June 2015)

S.No.	Clause No.	Requirements/ Characteristics	Manhours spent in Testing (in hrs)	Manhour cost of testing (@ 300 /manhour) (in Rs.)	Power consumption (if intensive) (in kWh)	Cost of power (@ 9 per kWh) (in Rs.)	Consumable cost (if significant)	Total cost of test (in Rs.)	Remarks
1	2	3	4	5	6	7	8	9	10
1	3.6, 7.7 & 7.11	Size, Design & general construction, Finish & Interchangeability	0.75	225.00	0	0.00	0	225.00	For a sample consisting of 3 Fans
2	6.9 & 9	Marking & Capacitors	0.25	75.00	0	0.00	0	75.00	
3	7.9	Speed regulators	1	300.00	1.5	13.50	0	313.50	
4	10.3	Air Delivery Test	9	2,700.00	9	81.00	0	2,781.00	
5	10.4	Temperature-rise test	1	300.00	4	36.00	0	336.00	
6	10.5	Leakage current test	0.5	150.00	0.5	4.50	0	154.50	
7	10.6	High Voltage test	0.5	150.00	1	9.00	0	159.00	
8	10.7	Insulation resistance	0.5	150.00	0.5	4.50	0	154.50	
9	10.8, 10.9 & 7.12	Starting test, Fan speed and Input & Silent operation	1	300.00	0.5	4.50	0	304.50	
10	10.10	Earthing connections	0.25	75.00	0.5	4.50	0	79.50	
11	10.11	Protection against electric shock (for regulators)	0.25	75.00	0.5	4.50	0	79.50	
12	10.12	Moisture resistance test (for regulators only) (see Note 2)	0.5	150.00	100	900.00	0	1,050.00	
13	10.13	Mechanical strength (for regulators only)	0.25	75.00	0	0.00	0	75.00	
14	10.14	Suspension system test	0.5	150.00	0	0.00	0	150.00	
15	10.15	Creepage & clearance	0.25	75.00	0	0.00	0	75.00	
16	10.16	Mechanical endurance (for regulators only)	0.5	150.00	8	72.00	0	222.00	
17		Preparation of Test Report	0.5	150.00	0	₹ 0.00	0	150.00	
		TOTAL	17.5	5,250.00	126	₹ 1,134.00		6,384.00	

Total testing charges for the product (03 pieces of fan) excluding testing charges of capacitor Rs. 6400.00

Note- 1.Capacitors shall be tested as per IS 1709 and testing charges leived separately.

2. The power consumption for this test has been taken on the basis of conditioning of a batch of 2 samples together (2 x 3 pieces).

(Sudheer Bishnoi)

Sc D (LPPD)

Sc F & Head (LPPD)

Sc G & DDG (Labs)

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1981-12-22

TESTING CHARGES FOR IS 380:1978 FRENCH CHALK TECHNICAL

Ref: MDD/2:7200891 (81) dt. 81.12.03

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Description	Table 1 & Table 2 of Cl 2	½
2.	Free moisture & Vol. Matter	"	1
3.	Particle size	"	½
4.	Loss on ignition	"	1
5.	Matter insoluble in hydrochloride acid	"	2
6.	Relative density at 27°/27°	"	1½
7.	Chlorides (as NaCl)	"	1
8.	pH (of 10% solution)	"	½
Additional requirement for material, required for use in textile, paper and pyrotechnic industries.			
9.	Grits, percent by mass	"	1½
10.	Iron (As F2203), percent by mass	"	1
11.	whiteness	"	½

Additional requirement for material used for rubber goods

12. Copper " 1

S NO	TESTS	CLAUSE REF.	MAN-HOURS
13.	Manganese	"	1
	PREPARATION OF TEST REPORT		1

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product will be levied depending upon the nature of the test.

APPROVED BY THE COMPETENT AUTHORITY.

TESTING CHARGES FOR IS 383:1970 COARSE & FINE AGGREGATES FROM NATURAL COURSES FOR CONCRETE

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	General	3.1	
2.	Deleterious Material	3.2, 3.2.1 & Table 1	5
3.	Aggregate Crushing Value or Aggregate Impact Value	3.3 3.4	5
4.	Aggregate abrasion value	3.5	6
5.	Soundness	3.6	7
6.	Size & Grading	4 & Table 2/Table 3 Table 4/ Table 5.	4
7.	Option Tests :		
	i) Flakiness index ³	3.1	5
	ii) Elongation Index ³		6
	iii) Organic Impurities	Table 1 & Table 2	2
	PREPARATION OF TEST REPORT		1

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are Rs.2100.00,
excluding the optional test.

Testing charges for the optional test, i.e. Rs. 975.00 have to be
levied extra white tested

For complete testing of product : Rs.3000.00

APPROVED BY THE COMPETENT AUTHORITY.

The revised BIS testing charges for IS 384:2002 effective from 12-02-2018

Bureau of Indian Standards EROL, Chemical Section

Ref: EROL(C)/16:384
10.10.2017

Dated:

Subject: Testing Charges for IS 384:2002, FLAT BRUSHES, FOR PAINTS & VARNISH,

Sl No.	IS/ Clause No.	Requirements/ Characteristics	Man Hour spent in testing	Man hour cost of testing @300/-	Power consumption (if intensive)	Cost of power (in kW) @10	Consumable cost (if significant)	Total cost of testing	Remarks
I	II	III	IV	V	VI	VII	VIII	IX	
1	5 & 6	Marking & Packing	½	150				150	
2	5.1.1 & 5.1.2.2	Bristles & Description	½	150				150	
3	5.1.1.2 1	Soldering of bristles	1	300				300	
4	5.1.2	Wooden handle	1½	450				450	
5	5.1.3 & 5.1.4	Ferrule & Wedge	½	150				150	
6	5.1.5	Pins	1	300				300	
7	5.1.6	Setting of Bristles	½	150				150	
8	5.3	Dimensions	2	600				600	
9	5.4 & 5.11	Manufacture, Workmanship & Finish	1	300				300	
10	5.5	Pull Test	½	150				150	
11	5.6	Benzene Alcohol Test	1	300		-	100	400	
12	5.1.2.1	Oven Test	1	300	4	40		340	
13	5.8	Mass of Bristles	1.5	450				450	
14	5.9	Processing of Bristles	1	300				300	
15	5.10	Detection of Dyed Bristles	0.5	150				150	
16	6	Preservation	3	900			60	960	
16		Preparation of Test Report	1	300				300	

Note:- Additional testing charges as above shall be levied for shelf life test.

Hence complete testing charges for the product without shelf life test is Rs.5600/-, with shelf life test the complete testing charges would be Rs 10650/- .

R.Das
TA(Lab.)

OIC(Chemical)
Head(EROL)

As decided by Competent Authority, the testing charges for the product are Rs 10650/-.
Without Shelf-Life Test: Rs 5600/-

(Ankita Tripathi)
Sc.B, LPPD

HLPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1990-01-22

TESTING CHARGES FOR IS 384:1979 FLAT BRUSHES, FOR
PAINTS & VARNISH,
TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Marking & Packing	5 & 6	½
2.	Material	4.1	
	a) Bristles	4.1.1 ³	½
	b) Description	4.1.1.1 ³	
	c) Soldering of bristles	4.1.1.2	1
	d) Wooden handle	4.1.2, 4.1.2.1, 4.1.2.2., 4.1.2.3, Appendix A	1½
3.	Ferrule & Wedge	4.1.3 & 4.1.4	½
4.	Pins	4.1.5.1 & 4.1.5.2	1
5.	Setting of Bristles	4.1.6, 4.1.6.1, & 4.2.6.2	½
6.	Dimensions	4.2.1 Table 1 & 4.2.2	2
7.	Manufacture, Workmanship & Finish	4.3 & 4.4	1
8.	Tests		
	a) Pull Test	4.5.1	½
	b) Benzene alcohol test	4.5.2	1
	c) Oven Test	4.5.3	1
	d) Massif Bristles	4.5.4	1½
S NO	TESTS	CLAUSE REF.	MAN-HOURS

e) Processing of Bristles	4.5.5	1
f) Detection of dyed bristles.	4.5.6	½
9. Preservation	6.1	3
PREPARATION OF TEST REPORT		1

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are as under

- a) With shelf life test Rs.2625.00
- b) Without shelf life test Rs.1350.00

Note:- Shelf life to be checked after one year from the date of mfg.
and additional testing charges as above shall be levied for
shelf life test.

APPROVED BY THE COMPETENT AUTHORITY.

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

TESTING CHARGES FOR IS 385:1979 MIXED LIQUID DRIERS FOR PAINTS

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Form & Condition	4.1	½
2.	Composition	4.2	Method of test not specified.
4.	Requirements	4.3 Table 1	
	i) Colour in 1 cm cell	do	½
	ii) *Viscosity	do	1
	iii) Flash point (Abel) Min.	do	½
	iv) Water content, percent by mass Max	do	½
	v) Solubility (Miscibility in linseed oil)	do	½
	vi) Solubility (Miscibility in petroleum hydrocarbon solvent)	do	½
	vii) Stability or keeping quality	do	1
	viii) Drying time, Max	do	1*
	ix) Freedom from bittiness	do	½
	x) Freedom from Rosin or its derivatives	do	½
	xi) Hexabromide test (for linseed oil or its derivatives)	do	1
	PREPARATION OF TEST REPORT		½
	TOTAL TIME :		9

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are Rs.675.00 each for □ Type 1 and Type 2.

* Testing facility not available for Type 1 at CL.

APPROVED BY THE COMPETENT AUTHORITY.

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/14:0

2001-07-17

TESTING CHARGES FOR IS: 393:1985 STAMP PAD INK

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Description	4.1	0.5

2.	Composition	4.2	2
3.	Performance	4.3	1
4.	Colour fastness	4.4	2
5.	Keeping Properties	4.5	5.5
	PREPARATION OF TEST REPORT		1

	TOTAL TIME		12

Testing charges per man hour are Rs.75.00. Hence complete testing charges for the product are Rs.900.00

DG

BIS CENTRAL LABORATORY, SAHIBABAD

[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

2001 04 26

TESTING CHARGES FOR IS 398 (Pt-I):1996 ALUMINIUM CONDUCTORS FOR OVERHEAD TRANSMISSION PURPOSES (Pt 1) Aluminum Stranded Conductors (Third Revision)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Preparation of samples	-	2.5
2.	Diameter	12.2	1
3.	Breaking Load test	12.3	1.5
4.	Wrapping test	12.4	0.5
5.	Stranding and lay ratio	12.6	0.5
6.	Resistance test for aluminium wires and stranded conductors	12.5	2.5
	PREPARATION OF TEST REPORT		1
		Total time (Rounded)	9.5

Note: This testing time is for 7 strand conductors. For 19 strand conductors, the testing time is 18 hrs.

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are as follows

For stranded conductors with 7 strands Rs.750.00

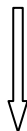
For Stranded conductor with 19 strands Rs.1350.00

DG may kindly approve.

(V.K. Sethi)
TS (QA)

DCL (QA)
DDGL
ADGT
DG

NOTE: REVISED BIS TESTING CHARGES PLACED BELOW:



REAU OF INDIAN STANDARDS
[PP&C(T&C)]

Our Ref: PP&C(T&C)/51:1
Sub: Revision of BIS Testing Charges.

29.08.2014

In continuation to revision of BIS Testing charges for nine products as circulated vide note of even number dated 26.06.2014, testing charges for another twelve products have been reviewed and as decided by the CA, the revised testing charges of the same, are given in Annex-1. The revised BIS testing charges for the ISS listed in Annex-1 shall be effective from 26.08.2014 and applicable for samples sent to BIS T&Cs for testing after 25.08.2014.

The above revised BIS testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates. The revision of testing charges of OSLs, if any, shall be reviewed and decided in due course.

All Testing Centres/ROs/BOs are advised to note the above for implementation by the said date.

Encl. As above.

(Dileep Kumar)
Sc. F & Head[PP&C(T&C)]

Sc. 'G' &DDG(T&C)

Circulated to all Heads of T&Cs/ROs/BOs/DDG(Cert.)/CMDs/DDGF

Copy to : H(ITS)- With a request to get the circular hosted on BIS Intranet.

398(Pt-1):1996			
ALUMINIUM STRANDED CONDUCTORS			
BIS TESTING CHARGES (in Rs.)	Size upto 100mm² (7 Wire)	Size 150 to 300 mm²(19 Wire)	Remarks
1	2	3	4
Revised	1600	3500/-	

NOTE: REVISED BIS TESTING CHARGES PLACED BELOW

REAU OF INDIAN STANDARDS
[LPPD]

Our Ref: LPPD/51:1
Sub: Revision of BIS Testing Charges.

15-06-2015

BIS Testing charges for Five products have been reviewed and as decided by the CA, the revised testing charges of the same, are given in Annex-1. The revised BIS testing charges for the ISS listed in Annex-1 shall be effective from **15-06-2015** and applicable for samples sent to BIS T&Cs for testing after **14-06-2015**.

The above revised BIS testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates. The revision of testing charges of OSLs, if any, shall be reviewed and decided in due course.

All BIS labs/ROs/BOs are advised to note the above for implementation by the said date.

Encl. As above.

(Dileep Kumar)
Sc. F & Head[LPPD]

Sc. 'G' & DDG(Labs)

Circulated to all Heads of Labs/ROs/BOs/DDG(Cert.)/CMDs/DDGF

Copy to : H(ITS)- With a request to get the circular hosted on BIS Intranet.



**Testing Charges for
IS 398 (Part 1): 1996 Aluminium Conductors for Overhead Transmission Purposes: Part 1 Aluminium Stranded Conductors
(For 1+6 Aluminium Wire) (w.e.f. 15 June 2015)**

S.No.	Clause No.	Requirements/ Characteristics	Manhours spent in Testing (in hrs)	Manhour cost of testing (@ 300 /manhour) (in Rs.)	Power consumption (if intensive) (in kWh)	Cost of power (@ 9 per kWh) (in Rs.)	Consumable cost (if significant)	Total cost of test (in Rs.)	Remarks
1	2	3	4	5	6	7	8	9	10
1		Preparation of samples	1	300.00	0	0	0	300.00	
2	12.2	Measurement of Diameter of Aluminium wires	0.5	150.00	0	0	0	150.00	
3	12.3	Breaking Load Test	1.25	375.00	0	0	0	375.00	
4	12.4	Wrapping test	0.5	150.00	0	0	0	150.00	
5	12.5	Resistance test for aluminium wires & stranded conductors	1	300.00	0	0	0	300.00	
6	12.6	Measurement of Lay Ratio/ Direction of lay	0.25	75.00	0	0	0	75.00	
7	6 & 8	Freedom from Defects & Joints in Wires	0.25	75.00	0	0	0	75.00	
8		Preparation of Test Report	0.5	150.00	0	0	0	150.00	
		TOTAL	5.25	1,575.00	0	0	0	1,575.00	

Note: The power consumption during the testing is not significant.

Hence, complete testing charges for the product are as follows:

For stranded conductors with 7 strands

Rs. 1600.00

**For stranded conductors with 19 strands the pro-rata testing man-hours are
(excluding item 6, 7 & 8) = 4.25 x 19/7 =**

	11.5 hrs
Lay Ratio (2 layers)	0.25 hr
Freedom from defects	0.25 hr
Prepn. of TR	0.5 hr
Total	12.5 hrs

Rs. 3750.00

(Sudheer Bishnoi)
Sc D (LPPD)

Sc F & Head (LPPD)
Sc G & DDG (Labs)

BIS CENTRAL LABORATORY, SAHIBABAD
 [Q.A.DEPARTMENT]

OUR REF : LAB/14:0

2001 04 26

TESTING CHARGES FOR IS 398 (Pt-II):1996 ALUMINIUM CONDUCTORS FOR OVERHEAD TRANSMISSION PURPOSES (Pt I1) Aluminum Conductors Galvenised steel reinforced

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Prepration of sample	-	3
2.	Diamter of aluminium and steel wire	13.2	2
3.	Breaking lead test on aluminium and steel wires and elongation test on steel wire.	13.3	3
4.	Wrapping test on aluminium and steel wire	13.5	1
5.	Stranding and lay ratio of aluminium and steel wire	13.8	1
6.	Ductility test on steel wire (torsion wire test)	13.4	1
7.	Galvanizing test	13.7	2
8.	Resistance test on aluminium wire and stranded conductors	13.6	2.5
	PREPARATION OF TEST REPORT		1.5
	Total time		17

Only for Steel Wire

S NO	TESTS	CLAUSE REF.	MAN-HOURS
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1.	Preparation of samples	-	1
2.	Diameter	13.2	0.5
3.	Breaking load	13.3	1
4.	Torsion Test	13.4	0.5
5.	Elongation	13.4	0.5
6.	Wrapping test	13.5	2
7.	Galvanizing test	13.7	2
	PREPARATION OF TEST REPORT		1
	TOTAL TIME (rounded)		9

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are as follows

1. For Galvanized steel reinforced conductors with nominal aluminium area upto and including 100 mm² area:

For single wire core (17 hrs) Rs.1275/-

For 7 wire core (17+6=23 hrs) Rs.1725/-

2. For galvanized steel reinforced conductors with nominal aluminium area above 100mm².

For size 150 mm² and 200 mm² (30 hrs) Rs.2250/-

For size 400 mm² to 560 mm² (38 hrs) Rs.2850/-

3. For steel wire Rs.675/- (single) and Rs.1125/- for 7 wires.

Note: The above testing charges are excluding following tests for which facilities are not available in CL.

Surface condition test Cl.13.9

Test for ultimate breaking load on complete stranded conductor, Cl.13.10

Stress strain test Cl.13.11

DG may kindly approve.

(V.K. Sethi)

TS (QA)

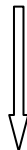
DCL (QA)

DDGL

ADGT

DG

NOTE: REVISED BIS TESTING CHARGES PLACED BELOW



BUREAU OF INDIAN STANDARDS

[PP&C(T&C)]

Our Ref: PP&C(T&C)/51:1

Sub: Revision of BIS Testing Charges.

29.08.2014

In continuation to revision of BIS Testing charges for nine products as circulated vide note of even number dated 26.06.2014, testing charges for another twelve products have been reviewed and as decided by the CA, the revised testing charges of the same, are given in Annex-1. The revised BIS testing charges for the ISS listed in Annex-1 shall be effective from 26.08.2014 and applicable for samples sent to BIS T&Cs for testing after 25.08.2014.

The above revised BIS testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates. The revision of testing charges of OSLs, if any, shall be reviewed and decided in due course.

All Testing Centres/ROs/BOs are advised to note the above for implementation by the said date.

Encl. As above.

(Dileep Kumar)
Sc. F & Head[PP&C(T&C)]

Sc. 'G' & DDG(T&C)

Circulated to all Heads of T&Cs/ROs/BOs/DDG(Cert.)/CMDs/DDGF

Copy to : H(ITS)- With a request to get the circular hosted on BIS Intranet.

398(Pt-2):1996 ALUMINIUM CONDUCTORS, GALVANIZED STEEL-REINFORCED)									
BIS TESTING CHARGES (in Rs.)	All test excluding cl . 13.9,13.10 & 13.11				Additional Charges for Surface Characteristics (Cl 13.9), Ultimate B/L (13.10), Stress Strain (13.11) (applicable on sizes 100 mm2 and above)			Only Galvanized Steel Wire (Clause 6.1.2 and 6.2)*	Remarks
	Sizes upto 80 mm2 (7wire)	Sizes Upto 100 mm2 (7-19 wire)	Sizes upto 150-200 mmm2 (37 Wire)	Sizes upto 400-560 mm2 (49-61 Wire)	Surface Characterl istics (Cl. 13.9)	Ultimate B/L (13.10)	Stress Strain (13.11)		
1	2	3	4	5	6	7	8	9	10
Revised	5000	7000	8500	10000	20000			Single Wire-2000; Seven Wire-5000	

NOTE: REVISED BIS TESTING CHARGES PLACED BELOW

BUREAU OF INDIAN STANDARDS
[LPPD]

Our Ref: LPPD/51:1
Sub: Revision of BIS Testing Charges.

15-06-2015

BIS Testing charges for Five products have been reviewed and as decided by the CA, the revised testing charges of the same, are given in Annex-1. The revised BIS testing charges for the ISS listed in Annex-1 shall be effective from **15-06-2015** and applicable for samples sent to BIS T&Cs for testing after **14-06-2015**.

The above revised BIS testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates. The revision of testing charges of OSLs, if any, shall be reviewed and decided in due course.

All BIS labs/ROs/BOs are advised to note the above for implementation by the said date.

Encl. As above.

(Dileep Kumar)
Sc. F & Head[LPPD]

Sc. 'G' & DDG(Labs)

Circulated to all Heads of Labs/ROs/BOs/DDG(Cert.)/CMDs/DDGF

Copy to : H(ITS)- With a request to get the circular hosted on BIS Intranet.



Testing Charges for

IS 398 (Part 2): 1996 Aluminium Conductors for Overhead Transmission Purposes:

Part 2 Aluminium Stranded Conductors Galvanized Steel Reinforced

(For 1 steel core+6 Aluminium Wire)

(w.e.f. 15 June 2015)

S.No	Clause No.	Requirements/ Characteristics	Manhours spent in Testing (in hrs)		Manhour cost of testing (@ 300 /manhour) (in Rs.)	Power consumption (if intensive) (in kWh)	Cost of power (@ 9 per kWh) (in Rs.)	Consumable cost (if significant)	Total cost of test (in Rs.)	Remarks
			4a (Al wire)	4b (Steel)						
1	2	3			5	6	7	8	9	10
1		Preparation of samples	0.5	0.25	225.00	0	0	0	225.00	
2	13.2	Measurement of Diameter of Aluminium & steel wires	0.5	0.25	225.00	0	0	0	225.00	
3	13.3	Breaking Load Test on aluminium and steel wires and elongation test on steel wire	0.75	0.25	300.00	0	0	0	300.00	
4	13.4	Ductility test on steel wire (torsion wire test)	0	0.25	75.00	0	0	0	75.00	
5	13.5	Wrapping test on aluminium & steel wires	0.5	0.25	225.00	0	0	0	225.00	
6	13.6	Resistance test for aluminium wires & stranded conductors	1	0	300.00	0	0	0	300.00	
7	13.7	Galvanizing test on steel wire	0	1	300.00	0	0	0	300.00	
8	13.8	Stranding & Lay Ratio of aluminium & steel wire	0.25	0	75.00	0	0	0	75.00	
9	6 & 8	Freedom from Defects & Joints in Wires	0.25		75.00	0	0	0	75.00	
10		Preparation of Test Report	0.5		150.00	0	0	0	150.00	
		TOTAL	4.25	2.25	1,950.00	0	0	0	1,950.00	

Note: The power consumption during the testing is not significant.

For 7 wire steel core only

S.No .	Claus e No.	Requirements/Chara cteristics	Manhours spent in Testing (in hrs)	Manhour cost of testing (@ 300 /manhour) (in Rs.)	Power consumptio n (if intensive) (in kWh)	Cost of power (@ 9 per kWh) (in Rs.)	Consuma ble cost (if significa nt)	Total cost of test (in Rs.)	Remarks
1	2	3	4	5	6	7	8	9	10
1		Preparation of samples	1	300.00	0	0	0	300.00	
2	13.2	Measurement of Diameter of steel wires	0.5	150.00	0	0	0	150.00	
3	13.3	Breaking Load Test and elongation test on steel wires	2	600.00	0	0	0	600.00	
4	13.4	Duclity test on steel wire (torsion wire test)	1.5	450.00	0	0	0	450.00	
5	13.5	Wrapping test on steel wires	1.5	450.00	0	0	0	450.00	
6	13.7	Galvanizing test on steel wire	2	600.00	0	0	0	600.00	
9	6 & 8	Freedom from Defects & Joints in Wires	0.5	150.00	0	0	0	150.00	
10		Preparation of Test Report	0.5	150.00	0	0	0	150.00	
		TOTAL	9.5	2,850.00	0	0	0	2,850.00	

Note: The power consumption during the testing is not significant.

Specialized tests for galvanized steel reinforced stranded conductors with nominal aluminium area more than 100mm²

S.No .	Claus e No.	Requirements/ Characteristics	Manhours spent in Testing (in hrs)	Manhour cost of testing (@ 300 /manhour) (in Rs.)	Power consumptio n (if intensive) (in kWh)	Cost of power (@ 9 per kWh) (in Rs.)	Consuma ble cost (if significa nt)	Total cost of test (in Rs.)	Remarks
1	13.9	Surface condition test	3	900.00	9	81.00	0	981.00	Test facility not available with BIS labs
2	13.10	Test for ultimate breaking load on stranded conductor	3	900.00	9	81.00	0	981.00	
3	13.11	Stress-strain test	4	1,200.00	12	108.00	0	1,308.00	
		TOTAL	10	3,000.00	30	270.00		3,270.00	

Hence, complete testing charges for the product are as follows:

(I) For galvanized steel core only (consisting of 7 steel strands)

Rs.2850.00

(II) For galvanized steel reinforced stranded conductors with nominal aluminium area upto and including 100mm²

- (a) For single steel wire core (1 steel + 6 Aluminium) **Rs. 1950.00**
 (b) For 7 wire core (7 steel + 6 Aluminium) - 9.5 hrs (for steel core)+ 3.75 hrs (for 6 aluminium wire excluding time for prepn. of TR)= 13.25 hrs **Rs. 4000.00**

(III) For galvanized steel reinforced stranded conductors with nominal aluminium area more than 100mm² (excluding special tests as per Cl. 13.9, 13.10 & 13.11)

- (a) For stranded conductors with 37 strands the pro-rata testing charges are:
 9.5 hrs (for steel core)+ 3.25 x 30/6 = 15.75hrs (for 30 aluminium wire excluding time for item 8, 9 & 10) 25.25 hrs
- | | | |
|----------------------|------------------|--------------------|
| Lay Ratio (3 layers) | 0.5 hr | |
| Freedom from defects | 0.5 hr | |
| Total | 26.25 hrs | Rs. 7900.00 |

- (b) For stranded conductors with 49 strands the pro-rata testing charges are:
 9.5 hrs (for steel core)+ 3.25 x 42/6 = 22.75hrs (for 42 aluminium wire excluding time for item 8, 9 & 10) 32.25 hrs
- | | | |
|----------------------|------------------|---------------------|
| Lay Ratio (4 layers) | 0.5 hr | |
| Freedom from defects | 0.5 hr | |
| Total | 33.25 hrs | Rs. 10000.00 |

- (c) For stranded conductors with 61 strands the pro-rata testing charges are:
 9.5 hrs (for steel core)+ 3.25 x 49/6 = 26.5hrs (for 49 aluminium wire excluding time for item 8, 9 & 10) 36hrs
- | | | |
|----------------------|---------------|---------------------|
| Lay Ratio (4 layers) | 0.5 hr | |
| Freedom from defects | 0.5 hr | |
| Total | 37 hrs | Rs. 11100.00 |

(Sudheer Bishnoi)
 Sc D (LPPD)

Sc F & Head (LPPD)
 Sc G & DDG (Labs)

The revised BIS testing charges for IS 398(Pt-III):1976 effective from 15-04-2016
LABORATORY POLICY AND PLANNING DEPTT

Our Ref : LPPD/51:1

08-03-2016

TESTING CHARGES FOR IS 398(Pt-III):1976 ALUMINIUM CONDUCTORS FOR OVERHEAD TRANSMISSION PURPOSES PART-III ALUMINIUM CONDUCTORS ALUMINIZED STEEL REINFORCED

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Preparation of samples	-	3
2.	Diameter of Al.& Al. Steel wire	7.1	2
3.	Breaking Load Test on Al. & Al.Steel Wire	12.2	3
4.	Ductility on Al.Steel (Torison or Elongation)	12.3	1
5.	Wrapping test on Al.	12.4	1
6.	Resistance test	12.5	2.5
7.	Aluminizing test (IS 3835:1966) (Adherence & Mass of coating of aluminium)	12.6	2
	Preparation of test report		1.5
	Total Time		16

The above time estimate is for 6 wires of Aluminium and one wire of steel. However standard prescribes upto 54 Aluminium wires and 7 steel wires. Time estimates for various groupings are as follows:

6Al + 1 steel wires	16hrs	Rs	4800/-
6Al + 7 steel wires	22hrs	Rs	6600/-
30Al + 7 steel wires	32hrs	Rs	9600/-
42Al + 7 steel wires	40hrs	Rs	12000/-
54Al + 7 steel wires	40hrs	Rs	12000/-

DDGL may kindly approve.

(Anurita)
Sc.C, LPPD

Head, LPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

2001-04-26

TESTING CHARGES FOR IS 398 (Pt-III):1976 ALUMINIUM CONDUCTORS FOR OVERHEAD TRANSMISSION PURPOSES PART-III ALUMINIUM CONDUCTORS ALUMINIZED STEEL REINFORCED

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Preparation of samples	-	3
2.	Diameter of Al. & Al. Steel wire	7.1	2
3.	Breaking Load Test on Al. & Al. Steel Wire	12.2	3
4.	Ductility on Al. Steel (Torison or Elongation)	12.3	1
5.	Wrapping test on Al.	12.4	1
6.	Resistance test	12.5	2.5
7.	Aluminizing test (IS 3835:1966) (Adherence & Mass of coating of aluminium)	12.6	2
	Preparation of test report		1.5
	Total Time		16

The above time estimate is for 6 wires of Aluminium and one wire of steel. However standard prescribes upto 54 Aluminium wires and 7 steel wires. Time estimates for various groupings are as follows:

6Al + 1 steel wires	16hrs	Rs	1200/-
6Al + 7 steel wires	22hrs	Rs	1650/-
30Al + 7 steel wires	32hrs	Rs	2400/-
42Al + 7 steel wires	40hrs	Rs	3000/-
54Al + 7 steel wires	40hrs	Rs	3000/-

DG may kindly approve.

(V.K. Sethi)
TS (QA)

DCL (QA)
DDGL
ADGT
DG

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

TESTING CHARGES FOR IS 398(Pt-IV):1994 ALUMINIUM CONDUCTORS FOR OVERHEAD TRANSMISSION
PURPOSES PART-IV ALUMINIUM ALLOY STRANDED CONDUCTORS

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Preparation of samples	-	3
2.	Diameter of Al.Alloy wires	7.2.1	1.5
3.	Breaking Load Test	12.2	1.5
4.	Elongation test	12.3	1
5.	Resistance test	12.4	2.5
6.	Stranding & Lang ratio	9.2	0.5
	PREPARATION OF TEST REPORT		1
		Total time	11

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are as follows

Upto 7 Wires-11 hrs	Rs.825/-
19 Wires-19 hrs	Rs.1425/-
37 Wires-22 hrs	Rs.1650/-
61 Wires-36 hrs	Rs.2700/-

DG may kindly approve.

(V.K. Sethi)
TS (QA)

DCL(QA)
DDGL
ADGT
DG

NOTE: REVISED BIS TESTING CHARGES PLACED BELOW



BUREAU OF INDIAN STANDARDS
[PP&C(T&C)]

Our Ref: PP&C(T&C)/51:1
Sub: Revision of BIS Testing Charges.

29.08.2014

In continuation to revision of BIS Testing charges for nine products as circulated vide note of even number dated 26.06.2014, testing charges for another twelve products have been reviewed and as decided by the CA, the revised testing charges of the same, are given in Annex-1. The revised BIS testing charges for the ISS listed in Annex-1 shall be effective from 26.08.2014 and applicable for samples sent to BIS T&Cs for testing after 25.08.2014.

The above revised BIS testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates. The revision of testing charges of OSLs, if any, shall be reviewed and decided in due course.

All Testing Centres/ROs/BOs are advised to note the above for implementation by the said date.

Encl. As above.

(Dileep Kumar)
Sc. F & Head[PP&C(T&C)]

Sc. 'G' & DDG(T&C)

Circulated to all Heads of T&Cs/ROs/BOs/DDG(Cert.)/CMDs/DDGF

Copy to : H(ITS)- With a request to get the circular hosted on BIS Intranet.

398(Pt-4):1994					
ALUMINIUM ALLOY STRANDED CONDUCTORS (ALUMINIUM-MAGNESIUM - SILICON TYPE)					
BIS TESTING CHARGES (in Rs.)	Size upto 100 mm² (3/7 Wire)	Size upto 125-232 mm² (19 Wire)	Size upto 288-465 mm²(37 wire)	Size upto 525-767 mm² (61 wire)	Remarks
1	2	3	4	5	6
Revised	1600	3500	6400	10200	

NOTE: REVISED BIS TESTING CHARGES PLACED BELOW

BUREAU OF INDIAN STANDARDS

[LPPD]

Our Ref: LPPD/51:1
Sub: Revision of BIS Testing Charges.

15-06-2015

BIS Testing charges for Five products have been reviewed and as decided by the CA, the revised testing charges of the same, are given in Annex-1. The revised BIS testing charges for the ISS listed in Annex-1 shall be effective from **15-06-2015** and applicable for samples sent to BIS T&Cs for testing after **14-06-2015**.

The above revised BIS testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates. The revision of testing charges of OSLs, if any, shall be reviewed and decided in due course.

All BIS labs/ROs/BOs are advised to note the above for implementation by the said date.

Encl. As above.

(Dileep Kumar)
Sc. F & Head[LPPD]

Sc. 'G' & DDG(Labs)

Circulated to all Heads of Labs/ROs/BOs/DDG(Cert.)/CMDs/DDGF

Copy to : H(ITS)- With a request to get the circular hosted on BIS Intranet.



Testing Charges for

**IS 398 (Part 4): 1996 Aluminium Conductors for Overhead Transmission Purposes: Part 4 Aluminium Alloy Stranded Conductors
(For 1+6 Aluminium Alloy Wire) (w.e.f. 15 June 2015)**

S. No.	Clause No.	Requirements/ Characteristics	Manhours spent in Testing (in hrs)	Manhour cost of testing (@ 300 /manhour) (in Rs.)	Power consumption (if intensive) (in kWh)	Cost of power (@ 9 per kWh) (in Rs.)	Consumable cost (if significant)	Total cost of test (in Rs.)	Remarks
1	2	3	4	5	6	7	8	9	10
1		Preparation of samples	1	300.00	0	0	0	300.00	
2	7.2.1	Measurement of Diameter of Aluminium Alloy wires	0.5	150.00	0	0	0	150.00	
3	12.2 & 12.3	Breaking Load Test & Elongation test	1.5	450.00	0	0	0	450.00	
4	12.4	Resistance test for aluminium wires & stranded conductors	1	300.00	0	0	0	300.00	
5	9.2	Measurement of Lay Ratio/ Stranding	0.25	75.00	0	0	0	75.00	
6	6 & 8	Freedom from Defects & Joints in Wires	0.25	75.00	0	0	0	75.00	
7		Preparation of Test Report	0.5	150.00	0	0	0	150.00	
		TOTAL	5	1,500.00	0	0	0	1,500.00	

Note: The power consumption during the testing is not significant.

Hence, complete testing charges for the product are as follows:

For stranded conductors with 7 strands

Rs. 1500.00

For stranded conductors with 19 strands the pro-rata testing man-hours are (excluding item 5, 6 & 7) = 4.00 x 19/7 =

Lay Ratio (2 layers) 11.0 hrs
Freedom from defects 0.25 hr
Prepn. of TR 0.5 hr
Total 12 hrs

Rs. 3600.00

For stranded conductors with 37 strands the pro-rata testing man-hours are (excluding item 5, 6 & 7) = 4.00 x 37/7 =

Lay Ratio (3 layers) 21 hrs
Freedom from defects 0.5 hr
Prepn. of TR 0.5 hr
Total 22.5 hrs

Rs. 6750.00

For stranded conductors with 61 strands the pro-rata testing man-hours are (excluding item 5, 6 & 7) = 4.00 x 61/7 =

34 hrs

Lay Ratio (4 layers)	0.5 hr
Freedom from defects	0.5 hr
Prepn. of TR	0.5 hr
Total	35.5 hrs

Rs. 10650.00

(Sudheer Bishnoi)
Sc D (LPPD)

Sc F & Head (LPPD)
Sc G & DDG (Labs)

The revised BIS testing charges for IS 398(P-5):1992 effective from 12-02-2018

BIS SRO LABORATORY, CHENNAI-113

(ELECTRICAL SECTION)

Ref: SROL/ELEC/TC/IS 398(Part 5)

Dt:17-10-2017

Sub: Testing charges for Aluminium conductors- Galvanized steel- Reinforced for Extra High Voltage (400 KV and above) as per IS 398 (Part 5):1992

SL.NO	TEST PARAMETERS	CLAUSE REF	MAN HRS	ELECTRICITY POWER IN KWH	COST OF CONSUMABLES AND MATERIALS	REMARKS
1.	Preparation of samples		5			
2.	Visual examination	13.2	0.5			
3.	Diameter of individual aluminium and steel wires	13.3	6			
4.	Lay ratio	13.4	1.5			
5.	Breaking load a)On complete conductor b)On individual wires	13.5 13.5	Facility not available in SROL 6			
6.	Ductility test (Torsion & Elongation tests)	13.6	4			
7.	Wrapping test	13.7	2			
8.	Resistance test	13.8	8			
9.	Galvanizing test	13.9	3			
10.	Surface condition test	13.10	Facility not available in SROL			
11.	Corona test	13.11	Facility not available in SROL			
12.	Radio	13.12	Facility not			

	interference voltage test		available in SROL			
13.	Reporting/verifying		2			
14.	Total man Hours		38			
15.	Cost of man Hours		38x300			=11400
16.	Cost of power (EB)		Negligible			Nil
17.	Total Testing charges per sample		16+17			=11400

As decided by Competent Authority, the testing charges for the product are Rs 11400/- Excluding Breaking load on complete conductor, Surface condition test, Corona test and Radio interference test

**(Ankita Tripathi)
Sc.B, LPPD**

HLPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY, SAHIBABAD

[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

2001-04-26

TESTING CHARGES FOR IS 398(Pt-V):1992 ALUMINIUM CONDUCTORS FOR OVERHEAD TRANSMISSION PURPOSES PART-V ALUMINIUM CONDUCTORS GALVANIZED STEEL REINFORCED FOR EXTRA HIGH VOLTAGE (400 KV AND ABOVE) (First Revision)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Preparation of samples	--	5
2.	Visual examination	13.2	0.5
3.	Dia of individual aluminium and steel wires	13.3	6
4.	Lay ratio	13.4	1.5
5.	Breaking load		
	a) On complete conductor	13.5	facilities not available in CL
	b) On individual wires	13.5	6
6.	Ductility test (torsion & elongation tests)	13.6	4
7.	Wrapping test	13.7	2
8.	Resistance test	13.8	8
9.	Galvanizing test	13.9	3
10.	Surface condition test	13.10	
11.	Corona test	13.11	Facilities not available in CL
12.	Radio interference voltage test	13.12	
	PREPARATION OF TEST REPORT		2
	TOTAL TIME :		38

Testing charges per man-hour are Rs. 75.00.

TESTING CHARGES FOR IS 398(Pt-V):1992 ALUMINIUM CONDUCTORS FOR OVERHEAD TRANSMISSION PURPOSES PART-V ALUMINIUM CONDUCTORS GALVANIZED STEEL REINFORCED FOR EXTRA HIGH VOLTAGE (400 KV AND ABOVE) (First Revision)

Hence complete testing charges for the product excluding the tests at Sl. No. 5 a), 10, 11 & 12 above for which the testing facilities are not available at Cl, are Rs.2850.00

DG may kindly approve.

(V.K. Sethi)
TS (QA)

DCL (QA)
DDGL
ADGT
DG

NOTE: REVISED BIS TESTING CHARGES PLACED BELOW



BUREAU OF INDIAN STANDARDS
[PP&C(T&C)]

Our Ref: PP&C(T&C)/51:1
Sub: Revision of BIS Testing Charges.

29.08.2014

In continuation to revision of BIS Testing charges for nine products as circulated vide note of even number dated 26.06.2014, testing charges for another twelve products have been reviewed and as decided by the CA, the revised testing charges of the same, are given in Annex-1. The revised BIS testing charges for the ISS listed in Annex-1 shall be effective from 26.08.2014 and applicable for samples sent to BIS T&Cs for testing after 25.08.2014.

The above revised BIS testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates. The revision of testing charges of OSLs, if any, shall be reviewed and decided in due course.

All Testing Centres/ROs/BOs are advised to note the above for implementation by the said date.

Encl. As above.

(Dileep Kumar)
Sc. F & Head[PP&C(T&C)]

Sc. 'G' & DDG(T&C)

Circulated to all Heads of T&Cs/ROs/BOs/DDG(Cert.)/CMDs/DDGF

Copy to : H(ITS)- With a request to get the circular hosted on BIS Intranet.

398(Pt-5):1992								
ALUMINIUM CONDUCTOR-GALVANIZED STEEL-REINFORCED FOR EXTRA HIGH VOLTAGE								
(400 KV AND ABOVE)								
BIS TESTING CHARGES (in Rs.)	All test excluding cl . 13.5.1,13.10,13.11 & 13.12		Additional Charges for type tests (Cl 13.5.1, 13.10, 13.11 & 13.12)				Only Galvanized Steel Wire (Clause 6.1.1 and 6.2)*	Remarks
	Size upto 520 mm2	Size upto 560-690 mm2	reaking Load (13.5.1)	Surface Condition (Cl. 13.10)	corona test (13.11)	Radio Interference Voltage (13.12)		
1	2	3	4	5	6	7	8	9
Revised	10000	12000	21300		23850	28700	5000	

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

Our Ref:CL/QA/Lab/14:0

2001-08-27

TESTING CHARGES FOR IS: 410- 1977 COLD ROLLED BRASS SHEETS

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Freedom from defects	4.1	0.5
2.	Chemical composition	6, Table 1	
	i) Copper		2
	ii) Lead		2
	iii) Iron		2
	iv) Total impurities (including iron)		2
	v) Zinc		2
3.	Tensile test	7.1.1	4
4.	Hardness test	7.1.2	1
5.	Bend Test	7.1.3	1
6.	Cupping Test	7.1.4	1
7.	Dimensions	8	1.5
	PREPARATION OF TEST REPORT		1

	TOTAL TIME (Rounded)		20

Testing charges per man hour are Rs.75.00. Hence complete testing charges for the product are Rs.1500.00.

DG may kindly approve.

(V.K. Sethi)
TS(QA)

DCL(QA)
DDGL
ADGT
DG

The BIS testing charges for IS 411:1991 effective from 12-02-2018

FORMAT FOR TESTING CHARGES

STANDARD							STANDARD No.	
Titanium Dioxide,Anatase,for Paints							IS 411:1991	
S.No	IS / Clause No.	Requirement / Characteristic	Manhour spent in testing in hours	Manhour cost of testing	Power consumption (if intensive)	Cost of power	Consumables cost	Total cost of Test
1	2	3	4	5	6	7	8	9
1	Clause 4.2	Titanium dioxide content,97.5% <i>Min</i>	2.5	750	2	50	700	764
2	Clause 4.3	Volatile Matter	1	300	1			307
3		Residue on 45 micron IS sieve	1	300	2			314
4		Oil absorption	0.5	150	0			150
5		Colour	1	300	0			300
6		Reducing Power	1	300	0			
7		Relative density	1	300	1			307
8		Matter soluble in water	1	300	1			307
9		pH of pigment slurry	0.5	150	0			150
10			Issue of reports	0.5	150			0
	Total		10	3000	7	50	700	3750

Testing charges per man-hour are Rs.300/- Hence testing charges for the product is:(10X300)+750=3750/-

As decided by Competent Authority, the testing charges for the product are Rs 3750/-

**(Ankita Tripathi)
Sc.B, LPPD**

HLPPD

DDG (Labs)

The revised BIS testing charges for IS 418:2004 effective from 24-03-2017

BIS CENTRAL LABORATORY (Electrical Department)

Our Ref: CL/E/IS 418

4th May 2016

TESTING CHARGES FOR TUNGSTEN FILAMENT LAMPS (FOR APPLICANT/INCLUSION SAMPLES) AS PER IS 418:2004

S..No.	Characteristics	Clause no.	Man-Hours	Electricity Power Consumed kwh	Cost of consumables including reference material where-ever applicable
I. TEST PARAMETERS AS PER IS 418:2004					
1.	Marking	6.0	3		
2.	Lamp dimensions	7.0	7		
3.	Initial reading test (Wattage & Luminous flux)	8.0	17		
4.	Lumen maintenance test	9.0	15		
5.	Life performance test	10.0	35		
6.	Time taken in sample preparation and Report preparation		7		
B.	Electricity power consumed			900 units for 25W lamp 1200 units for 40W lamp 1600 units for 60W lamp 2400 units for 100W lamp	
C.	Cost of Consumables/SRMs				4400
	Total time		84		

II. TEST PARAMETERS AS PER IS 15518 (Part-1)::2004

1.	Marking	4.2	10		
2.	Lamp cap temperature rise test	4.4	10		
3. i)	Resistance to torque (unused lamps)	4.5.1.4.5.2	15		
ii)	Resistance to torque (after heating)	4.5.3	38		
4.	Insulation resistance	4.6	30		
5.	Accidentally live parts	4.7	24		
6.	Creepage distances for B-22	4.8	1		
7.	Safety at the end of life				
i)	induced failure test	4.9	90		
ii)	Operation to failure test	4.9	67		
8.	Interchangeability	4.10	10		
9.	Time taken in sample preparation and Report preparation		19		
B.	Electricity power consumed			4000+2800 units for 25W 4000+4000 units for 40W 4000+5600 units for 60W 4000+8800 units for 100W	

Total time 314

TESTING CHARGES FOR TUNGSTEN FILAMENT LAMPS AS PER IS 418:2004

TOTAL TESTING CHARGES (PART I + PART II)

For 25W lamps: $Rs.300 \times 398 + 9 \times 7700 + 4600 = Rs.1, 93,300.00$

For 40W lamps: $Rs.300 \times 398 + 9 \times 9200 + 4600 = Rs.2, 06,800.00$

For 60W lamps: $Rs.300 \times 398 + 9 \times 11200 + 4600 = Rs.2, 24,800.00$

For 100W lamps: $Rs.300 \times 398 + 9 \times 15200 + 4600 = Rs.2, 60,800.00$

K R SHARMA
LO (A)

OIC(E)

Head(CL)

As decided by the CA, testing charges are:

For applicant/inclusion samples

(i)Rs.61900/- each for 25W, for 40W, for 60W & 100W(Excluding Life test, Lumen maintenance test & safety at the end of life test)

(ii)For Life test & Lumen maintenance test

Rs.23100/- additionally for 25W, Rs.25800/- additionally for 40 W, Rs.29400/- additionally for 40 W

Rs.36600/- additionally for 100 W

(iii)For safety at the end of life test

Rs.108300/- additionally for 25W, Rs.119100/- additionally for 40 W, Rs.133500/- additionally for 40 W

Rs.162300/- additionally for 100 W

BIS CENTRAL LABORATORY
(Electrical Department)

Our Ref: CL/E/IS 418 A

4th May 2016

TESTING CHARGES FOR TUNGSTEN FILAMENT LAMPS (FOR FACTORY/MARKET SAMPLES) AS PER IS 418:2004

Sl..No.	Characteristics	Clause no.	Man-Hours	Electricity Power Consumed kwh	Cost of consumables including reference material where- ever applicable
I. TEST PARAMETERS AS PER IS 418:2004					
1.	Marking	4.2	5		
2.	Lamp cap temp. rise test	4.4	10		
3.	Resistance to torque (unused lamps)	4.5	5		
4.	Resistance to torque(after heating)	4.5	25		
5.	Insulation resistance	4.6	5		
6.	Accidentally live parts	4.7	5		
7.	Creepage distance for B-22	4.8	8		
8.	Interchangeability	4.10	7		
9.	Lamp dimensions	7.0	8		
10.	Wattage	8.1	5		
11.	Initial luminous flux	8.2	5		
12.	Lumen maintenance & life test	9.1,10.1&10.2	25		
13.	Time taken in sample preparation and Report preparation		7		
B.	Electricity power consumed			4000+800 units for 25W lamp 4000+1100 units for 40W lamp 4000+1300 units for 60W lamp 4000+1800 unit for 100W lamp	
C.	Cost of Consumables/SRMs				Rs.4000
	Total time		120		

TOTAL TESTING CHARGES (PART I + PART II)

For 25W lamps: Rs.300x120 + 4800x9 + 4000 = Rs.83200.00

For 40W lamps: Rs.300x120 + 5100x9 + 4000 = Rs.85900.00

For 60W lamps: Rs.300x120+5300x9 + 4000 = Rs.87700.00

For 100W lamps: Rs.300x120+5800x9+ 4000 = Rs.93200.00

K R SHARMA
LO (A)

OIC(E)

Head(CL)

As decided by the CA, testing charges are:

For factory/market samples-

(i)Rs.32500/- each for 25W, for 40W, for 60W & 100W(Excluding Life test & Lumen maintenance test)

(ii) For Life test & Lumen maintenance test

Rs.50700/- additionally for 25W

Rs.53400/- additionally for 40 W

Rs.55200/- additionally for 40 W

Rs.62700/- additionally for 100 W

(Kshitij Bathla)
Sc.B, LPPD

Head, LPPD

DDGL

Please Refer to Revised Testing Charges mentioned above

**BIS CENTRAL LABORATORY
(Q.A. Department)**

Our Ref:CL/QA/79

24 Feb 2009

TESTING CHARGES FOR TUNGSTEN FILAMENT LAMPS (FOR APPLICANT/INCLUSION SAMPLES) AS PER IS 418:2004

Sl..No.	Characteristics	Clause no.	Man-Hours	Electricity Power Consumed kwh	Cost of consumables including reference material where- ever applicable
I. TEST PARAMETERS AS PER IS 418:2004					
1.	Marking	6.0	3		
2.	Lamp dimensions	7.0	7		
3.	Initial reading test (Wattage & Luminous flux)	8.0	17		
4.	Lumen maintenance test	9.0	15		
5.	Life performance test	10.0	35		
6.	Time taken in sample preparation and Report preparation		7		
B.	Electricity power consumed			900 units for 25W lamp 1200 units for 40W lamp 1600 units for 60W lamp 2400 units for 100W lamp	
C.	Cost of Consumables/SRMs				1100
	Total time		84		
II. TEST PARAMETERS AS PER IS 15518 (Part-1)::2004					
1.	Marking	4.2	10		
2.	Lamp cap temperature rise test	4.4	10		
3. i)	Resistance to torque (unused lamps)	4.5.1.4.5.2	15		
ii)	Resistance to torque (after heating)	4.5.3	38		
4.	Insulation resistance	4.6	30		
5.	Accidentally live parts	4.7	24		
6.	Creepage distances for B-22	4.8	1		
7.	Safety at the end of life				
i)	induced failure test	4.9	90		
ii)	Operation to failure test	4.9	67		
8.	Interchangeability	4.10	10		
9.	Time taken in sample preparation and Report preparation		19		
B.	Electricity power consumed			4000+2800 units for 25W 4000+4000 units for 40W 4000+5600 units for 60W 4000+8800 units for 100W	
C.	Cost of consumables/SRM				50.00

TESTING CHARGES FOR TUNGSTEN FILAMENT LAMPS AS PER IS 418:2004

TOTAL TESTING CHARGES (PART I + PART II)

For 25W lamps: $\text{Rs.}75 \times 398 + 4 \times 7700 + 1100 = \text{Rs.}61750.00$

For 40W lamps: $\text{Rs.}75 \times 398 + 4 \times 9200 + 1100 = \text{Rs.}67750.00$

For 60W lamps: $\text{Rs.}75 \times 398 + 4 \times 11200 + 1100 = \text{Rs.}75750.00$

For 100W lamps: $\text{Rs.}75 \times 398 + 4 \times 15200 + 1100 = \text{Rs.}91750.00$

The proposal is made on the basis of information received from testing lab.

DDGL may kindly approve.

(K.S. Arya)
LO-B(QA)

D(QA)

H (CQAPD)

DDGL

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/79

24 Feb 2009

TESTING CHARGES FOR TUNGSTEN FILAMENT LAMPS (FOR FACTORY/MARKET SAMPLES) AS PER IS 418:2004

Sl..No.	Characteristics	Clause no.	Man-Hours	Electricity Power Consumed kwh	Cost of consumables including reference material where- ever applicable
I. TEST PARAMETERS AS PER IS 418:2004					
1.	Marking	4.2	5		
2.	Lamp cap temp. rise test	4.4	10		
3.	Resistance to torque (unused lamps)	4.5	5		
4.	Resistance to torque(after heating)	4.5	25		
5.	Insulation resistance	4.6	5		
6.	Accidentally live parts	4.7	5		
7.	Creepage distance for B-22	4.8	8		
8.	Interchangeability	4.10	7		
9.	Lamp dimensions	7.0	8		
10.	Wattage	8.1	5		
11.	Initial luminous flux	8.2	5		
12.	Lumen maintenance & life test	9.1,10.1&10.2	25		
13	Time taken in sample preparation and Report preparation		7		
B.	Electricity power consumed			4000+800 units for 25W lamp 4000+1100 units for 40W lamp 4000+1300 units for 60W lamp 4000+1800 unit for 100W lamp	
C.	Cost of Consumables/SRMs				Rs.1000
	Total time		120		

TOTAL TESTING CHARGES (PART I + PART II)

For 25W lamps: $Rs.75 \times 120 + 4800 \times 4 + 1000 = Rs.29200.00$

For 40W lamps: $Rs.75 \times 120 + 5100 \times 4 + 1000 = Rs.30400.00$

For 60W lamps: $Rs.75 \times 120 + 5300 \times 4 + 1000 = Rs.31200.00$

For 100W lamps: $Rs.75 \times 120 + 5800 \times 4 + 1000 = Rs.33200.00$

The proposal is made on the basis of information received from testing lab.

DDGL may kindly approve.

(K.S. Arya)
LO-B(QA)

D (QA)

H (CQAPD)

DDGL

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/14:0

2001-08-03

TESTING CHARGES FOR IS: 419:1967 PUTTY FOR USE ON WINDOW FRAMES.

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Form & Condition	3.1	1
2.	Composition	3.2	
	a)Whiting		*
	b)Linseed oil, raw		*
3.	Calcium Carbonate cut	3.2.1	8
4.	Consistency	3.3	1
5. i)	Residue on Siev	Table 1,Sr.No.i)	2
	ii)Moisture Content	Sr.No.ii)	2
6.	Setting time	3.4	2
	PREPARATION OF TEST REPORT		1

		TOTAL TIME	17
	Keeping Property		18

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are as follows:

Initial testing : Rs.1275.00

For keeping Property: Rs.1350.00

* Whiting & Linseed oil (if supplied separately) shall be tested as per IS 63:1978 and IS75:1950 respectively and testing charges leived accordingly.

DG may kindly approve.

(V.K. Sethi)
TS(QA)

D&H(QA)

DDGL

ADGT

DG

NOTE: REVISED TESTING CHARGES ARE PLACED BELOW:



BUREAU OF INDIAN STANDARDS
[Laboratory Policy & Planning Deptt.]

Our Ref: LPPD/51:2

04.09.2015

Subject: Revision of BIS Testing Charges

BIS Testing Charges for Nine ISs pertaining to Paints products have been reviewed and as decided by CA, the revised testing charges of these products are given in Annex-1. The revised BIS testing charges for these product shall be effective from 01.09.2015 and applicable for samples sent to BIS Labs for testing after 31.08.2015.

The above revised testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates.

All BIS Labs/ROs/BOs are advised to note the above for implementation by the said date.

Encl: as above

(Dileep Kumar)
Head (LPPD)

Sc.-G & DDG (Labs)

Circulated to all Heads of BIS Labs/ROs/BOs/DDG (Cert.)/CMDs/DDGF

Copy to: H (ITS) – With a request to get the circular hosted on BIS Intranet

BIS Laboratory Policy & Planning Deptt.

Ref: LPPD/51:2

21.08.2015

Subject: Testing Charges for Putty For Use On Window Frames as per Per IS 419:1967

S. No.		IS/ Clause	Man-Hour	Man-Hour Cost of testing (@ Rs. 300)	Power Consumption (in KWh)	Cost of Power @ Rs 9 per unit	Consumables required (Approx Cost in Rs.)
1	2	3	5	6	7	8	9
1	Form and Condition	3.1	15 min	75	-	-	-
2	Calcium Carbonate Content	3.2.1	1.75 hrs	525	2	18	50
2	Consistency	3.3 & 3.3.1	1 hour	300	-	-	50
3	Residue on Sieve	3.4, Table 1, S.No. i)	1 hour	300	-	-	-
4	Water Content	3.4, Table 1, S.No. ii)	1 hour	300	2	18	50
5	Keeping Properties	3.4, Table 1, S.No. iii)	2.25 hour	675	2	18	50
	PREPARATION OF TEST REPORT		1 hour	300			
		Total					
		For Initial Testing	5 hrs	Rs. 1500	4 KWh	Rs. 36	Rs. 150
		Only Keeping Properties	2.25 hrs	Rs. 675	2 KWh	Rs. 18	Rs. 50
		Total Testing Charges For Initial Testing			= Rs. (1500+36+150) = Rs. 1686 = Rs. 1690		

		Only Keeping Properties Testing = Rs. (675+18+50) = Rs. 743 = Rs. 750
		Preparation of Test Report = Rs. 300

DDG (Labs) may kindly approve.

**Varsha
Sc.-C**

Head (LPPD)

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/14:0

2001-06-18

TESTING CHARGES FOR IS: 427:1965 DRY DISTEMPER COLOUR

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Form & condition	3.1	1
2.	Composition	3.2	1
		3.3 table 1	
3. i)	Drying time, Hard dry	Sr.i) 2	
	ii) Consistency	ii)	1
	iii)Finish	iii)	1
	iv) Colour	iv)	1
	v) Fastness t light	v) 4	
	vi) Residue on sieve	vi) 2	
	vii)Resistance to dry	vii)	1
	viii)Recoating properties	viii) 1	
	ix) Behaviour towards	ix)	3
	PREPARATION OF TEST REPORT		1

	TOTAL TIME	19	
	Keeping Property Test		20

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are as follows:

Initial Testing : Rs.1425.00

For Keeping Property:Rs.1500.00

DG

NOTE: REVISED TESTING CHARGES ARE PLACED BELOW:



BUREAU OF INDIAN STANDARDS
[Laboratory Policy & Planning Deptt.]

Our Ref: LPPD/51:2

04.09.2015

Subject: Revision of BIS Testing Charges

BIS Testing Charges for Nine ISs pertaining to Paints products have been reviewed and as decided by CA, the revised testing charges of these products are given in Annex-1. The revised BIS testing charges for these product shall be effective from 01.09.2015 and applicable for samples sent to BIS Labs for testing after 31.08.2015.

The above revised testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates.

All BIS Labs/ROs/BOs are advised to note the above for implementation by the said date.

Encl: as above

(Dileep Kumar)
Head (LPPD)

Sc.-G & DDG (Labs)

Circulated to all Heads of BIS Labs/ROs/BOs/DDG (Cert.)/CMDs/DDGF

Copy to: H (ITS) – With a request to get the circular hosted on BIS Intranet

BIS Laboratory Policy & Planning Deptt.

Ref: LPPD/51:2

31.08.2015

Subject: Testing Charges for Distemper, Dry, Colour As required as per IS 427:2013

S. No.	Requirement / Characteristic	IS/ Clause	Man-Hour	Man-Hour Cost of testing (@ Rs. 300)	Power Consumption (in KWh)	Cost of Power @ Rs 9 per unit	Consumables required (Approx Cost in Rs.)
1	2	3	5	6	7	8	9
1	Form and Condition	4.1	15 min	75	-	-	-
2	Drying Time, hard dry	4.2.2 & 7, Table 1, S.No. i)	30 min	150	*	#	50
3	Consistency	4.2.2 & 7, Table 1, S.No. ii)	30 min	150	-	-	-
4	Finish	4.2.2 & 7, Table 1, S.No. iii)	15 min	75	*	#	50
5	Colour	4.2.2 & 7, Table 1, S.No. iv)	15 min	75	-	-	50
6	Fastness to Light	4.5, 4.2.2 & 7, Table 1, S.No. v)	2 hrs	600	300	2700	50
7	Residue on Sieve (on dry material)	4.2.2 & 7, Table 1, S.No. vi)	1 hour	300	-	-	-
8	Recoating Properties	4.2.2 & 7, Table 1, S.No. vii)	30 min	150	-	-	-
10	Resistance to Alkali	4.2.2 & 7, Table 1, S.No. viii)	30 min	150	*	#	50
11	Resistance to Dry Rubbing	4.2.2 & 7, Table 1, S.No. ix)	15 min	75	-	-	-
12	Lead Restriction	4.3 & 4.3.1	2.5 hrs	750	5	45	50
13	Application Properties	4.6	15 min	75	-	-	25

14	Keeping Properties	4.7 (4.1 to 4.5 & Table 1)	8.5 hrs	2550	320	2880	300	
16	Optional requirement for ECO-Mark	4.8						
i)	General Requirements	4.8.1	As Above					
ii)	Volatile Organic Compound	4.8.2.1	2 hrs	600	2	18	250	
iii)	Toxic Metals such as Lead, Cadmium and Chromium	4.8.2.2	6 hrs	1800	10	90		
TOTAL								
			For Initial Testing	8.75 hrs	Rs. 2,625	320 KWh, 320/4 = 80 KWh	Rs. 2880, 2880/4 = Rs. 720	Rs. 325
			Only Keeping Properties	8.5 hrs	Rs. 2550	320 KWh, 320/4 = 80 KWh	Rs. 2880, 2880/4 = Rs. 720	Rs. 300
			For Initial Testing With ECO-Mark Requirements (Excluding Keeping Properties)	16.75 hrs	Rs. 5025	332 KWH, 332/4 = 83 KWh	Rs. 2988, 2988/4 = Rs. 747	Rs. 575
* Power Consumption for all the requirements in aggregate = 15 KWh		*Power Consumption has been calculated considering 4 samples in a batch						
			TOTAL Testing Charges	For Initial Testing = Rs. (2625+720+325) = Rs. 3,670				
			Only Keeping Properties Testing = Rs. (2550+720+300) = Rs. 3,570					
# Cost of Power Consumption for all the requirements in aggregate = Rs. 135/-			For Initial Testing With ECO-Mark Requirements = Rs. (5025+747+575) = Rs. 6,347 = Rs. 6,350 (Excluding Keeping Properties)					

		Preparation of Test Report	= Rs. 300.
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DDG (Labs) may kindly approve.

Varsha Gupta
Sc.-C (LPPD)

Head (LPPD)
DDG (Labs)

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/14:0

2003-06-12

TESTING CHARGES FOR IS: 428:2000 ACRYLIC WASHABLE DISTEMPER

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS	
			Type-I	Type-II
1.	Form & condition	6.1	1	1
2.	Thining	6.2	1	1
3.	Application	6.3	1	1
4.	Requirement as per table 1, Cl.6.5			
	i) Dry time	6.5, Table 1		
	a) Surface dry		-	1
	b) Hard dry		2	1
	ii) Consistency	-- do --	1	1
	iii) Finish	-- do --	1	1
	iv) Colour	-- do --	1	1
	v) Fastness to light	-- do --	4	4
	vi) Residue on Sieve	-- do --	2	-
	vii) Recoating property	-- do --	1	1
	viii) Resistance to Alkali	-- do --	3	3
	ix) Temperature stability	-- do --	5	5
5.	Keeping property	6.4, 6.1, 6.3, 6.5	23	21
	PREPARATION OF TEST REPORT		1	1
			----	---
	TOTAL TIME		47	43

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are as follows:

Type-I	Rs.3525.00
Type-II	Rs.3225.00

DDGL may kindly approve.

(Avtar Singh)
D&H (QA)

DDGL

NOTE: REVISED TESTING CHARGES ARE PLACED BELOW:



BUREAU OF INDIAN STANDARDS
[Laboratory Policy & Planning Deptt.]

Our Ref: LPPD/51:2

04.09.2015

Subject: Revision of BIS Testing Charges

BIS Testing Charges for Nine ISs pertaining to Paints products have been reviewed and as decided by CA, the revised testing charges of these products are given in Annex-1. The revised BIS testing charges for these product shall be effective from 01.09.2015 and applicable for samples sent to BIS Labs for testing after 31.08.2015.

The above revised testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates.

All BIS Labs/ROs/BOs are advised to note the above for implementation by the said date.

Encl: as above

(Dileep Kumar)
Head (LPPD)

Sc.-G & DDG (Labs)

Circulated to all Heads of BIS Labs/ROs/BOs/DDG (Cert.)/CMDs/DDGF
Copy to: H (ITS) – With a request to get the circular hosted on BIS Intranet

Subject: Testing Charges for Washable Distemper as per IS 428:2013

S. No.	Requirement / Characteristic	IS/ Clause	Man-Hour		Man-Hour Cost of testing (@ Rs. 300)	Power Consumption (in KWh)	Cost of Power @ Rs 9 per unit	Consumables required (Approx Cost in Rs.)
1	2	3	4	5	6	7	8	9
			Type-1 (Oil Emulsion)	Type-2 (Plastic)				
1	Form and Condition	6.1	10 min	10 min	-	-	-	-
2	Thining	6.2	10 min	10 min	-	-	-	-
3	Application	6.3	10 min	10 min	-	-	-	-
4	Lead Restriction	6.5	2.5 hrs	2.5 hrs	750	5	45	50
5	Keeping Properties	6.6 (6.1, 6.3 to 6.5 & Table 1)	8 hrs 35 min	8 hrs 50 min	Rs. 2,575 (Type-1); Rs. 2,650 (Type-2)	368	3312	300
6	Drying Time, hard dry							
	i) Surface Dry	6.6, 6.7 and 9.1, Table 1, S.No. i), a)	-	15 min (Ony for type-2)	75 (Ony for type-2)	*	#	50
	ii) Hard Dry	6.6, 6.7 and 9.1, Table 1, S.No. i), b)	15 min	15 min	75			
7	Consistency	6.6, 6.7 and 9.1, Table 1, S.No. ii)	30 min	30 min	150	-	-	-
4	Finish	6.6, 6.7 and 9.1, Table 1, S.No. iii)	15 min	15 min	75	*	#	50

5	Colour	6.6, 6.7 and 9.1, Table 1, S.No. iv)	15 min	15 min	75	-	-	50
6	Fastness to Light	6.4, 6.6, 6.7 and 9.1, Table 1, S.No. v)	2 hrs	2 hrs	600	300	2700	50
7	Residue on Sieve (on dry material)	6.6, 6.7 and 9.1, Table 1, S.No. vi)	30 min	1 hour	300	-	-	-
8	Recoating Properties	6.6, 6.7 and 9.1, Table 1, S.No. vii)	30 min	30 min	150	-	-	-
10	Resistance to Alkali	6.6, 6.7 and 9.1, Table 1, S.No. viii)	30 min	30 min	150	*	#	50
11	Accelerated Storage Stability	6.6, 6.7 and 9.1, Table 1, S.No. ix)	30 min	30 min	150	48	432	-
16	Additional requirement for ECO-Mark	6.9						
i)	General Requirements	6.9.1	As above					
ii)	Volatile Organic Compound	6.9.2.1	2 hrs	2 hrs	600	2	18	250
iii)	Toxic Metals such as Lead, Cadmium and Chromium	6.9.2.2	6 hrs	6 hrs	1800	10	90	
		TOTAL						
		For Initial Testing	8.75 hrs	9 hrs	Rs. 2,625 (Type-1); Rs. 2,700 (Type-2)	368 KWh, 368/4 = 92 KWh	Rs. 3312, 3312/4 = Rs. 828	Rs. 300
		Only Keeping Properties	8.58 hrs = 8.5 hrs	8.83 hrs = 8.75 hrs	Rs. 2,550 (Type-1); Rs. 2,625 (Type-2)	368 KWh, 368/4 = 92 KWh	Rs. 3312, 3312/4 = Rs. 828	Rs. 300
		For Initial Testing With ECO-Mark Requirements (Excluding Keeping Properties)	16.75 hrs	17 hrs	Rs. 5,025 (Type-1); Rs. 5,100 (Type-2)	380 KWH, 380/4 = 95 KWh	Rs. 3420, 3420/4 = Rs. 855	Rs. 550
		**Power Consumption has been calculated considering 4 samples in a batch						

<p>* Power Consumption for all the requirements in aggregate = 15 KWh</p>	<p>Total Testing Charges</p>	<p>For Initial Testing: Oil Emulsion (Type-1) = Rs. (2625+828+300) = Rs. 3,753 = Rs. 3,760 Plastic (Type-2) = Rs. (2700+828+300) = Rs. 3,828 = Rs. 3,830</p>
<p># Cost of Power Consumption for all the requirements in aggregate = Rs. 135/-</p>		<p>Only Keeping Properties: Oil Emulsion (Type-1) = Rs. (2550+828+300) = Rs. 3,678 = Rs. 3680 Plastic (Type-2) = Rs. (2625+828+300) = Rs. 3,753 = Rs. 3,760</p>
		<p>For Initial Testing With ECO-Mark Requirements (Excluding Keeping Properties): Oil Emulsion (Type-1) = Rs. (5025+855+550) = Rs. 6,430 Plastic (Type-2) = Rs. (5100+855+550) = Rs. 6,505= Rs. 6,510</p>
		<p>Preparation of Test Report = Rs. 300.</p>

DDG (Labs) may kindly approve.

Varsha
Sc.-C

Head (LPPD)
DDG (Labs)

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1990.10.04

TESTING CHARGES FOR IS 432(Pt-1):1982 MILD STEEL & MEDIUM TENSILE
STEEL BARS AND HARD-DRAWN STEEL WIRE FOR CONCRETE REINFORCEMENT (PART-I)
Mild steel & Medium Tensile Steel Bars) (THIRD REVISION)

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Chemical Composition	4	
	a) Mild steel reinforcement bars, Gr. i, Fe -410-S	As per IS 226 : 1975	
	b) Mild Steel reinforcement bars, Gr. II, Fe 410-0	As per IS 1977 : 1975	
	c) Medium tensile steel bars Fe 540 W-HT	As per IS 961 : 1975	
2.	Freedom from defects	5	½
3.	Nominal sizes & mass	6 ³	
4.	Tolerances	7 ³	2
5.	Tensile test	9.2 & Table 1	3
6.	Bend test	9.3	1
	PREPARATION OF TEST REPORT		½
	TOTAL TIME :		7

Testing charges per man-hour are Rs. 75.00.
Hence testing charges for the product are Rs.525.00

The charges for chemical composition will be levied extra as per the above referred ISS.

APPROVED BY THE COMPETENT AUTHORITY.

The revised BIS testing charges for IS 432(Pt-02):1982 effective from 15-05-2016

LABORATORY POLICY AND PLANNING DEPTT

Our Ref: LPPD/51:1

08-03-2016

**TESTING CHARGES FOR IS 432 (Pt-2):1982 MILD STEEL & MEDIUM TENSILE STEEL BARS AND HARD-DRAWN STEEL WIRE FOR CONCRETE REINFORCEMENT
(PART-II) Hard -Drawn steel wire) (THIRD REVISION)**

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Chemical Composition	3	
	a) Sulphur		2
	b) Phosphorus		2
	c) Nitrogen (Applicable in case of basic oxygen process)		1½
2.	Freedom from defects	4	½
3.	Nominal sizes	5 ³	1½
4.	Tolerances	6 ³	
5.	Tensile test	8.2	3
6.	Reverse bend test	8.3	1½
	PREPARATION OF TEST REPORT		½
	TOTAL TIME:		13

Testing charges per man-hour are Rs. 300.00.
Hence complete testing charges for the product are: **Rs.3900.00** including the test for Nitrogen content. Testing charges excluding the Nitrogen content test are Rs.3300.00

DDG (Labs) may kindly approve.

P.RAJESH
Sc-E,LPPD

Head (LPPD)
DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1990.10.04

TESTING CHARGES FOR IS 432(Pt-2):1982 MILD STEEL & MEDIUM TENSILE
STEEL BARS AND HARD-DRAWN STEEL WIRE FOR CONCRETE REINFORCEMENT
(PART-II) Hard -Drawn steel wire) (THIRD REVISION)

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Chemical Composition	3	
	a) Sulphur		2
	b) Phosphorus		2
	c) Nitrogen (Applicable in case of basic oxygen process)		1½
2.	Freedom from defects	4	½
3.	Nominal sizes	5 ³	
		3	1½
4.	Tolerances	6 ³	
5.	Tensile test	8.2	3
6.	Reverse bend test	8.3	1½
	PREPARATION OF TEST REPORT		½

		TOTAL TIME :	13

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are ₹: Rs.975.00 including the test for Nitrogen content. Testing charges excluding the Nitrogen content test are Rs.825.00

APPROVED BY THE COMPETENT AUTHORITY.

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/14:0

2001-10-04

TESTING CHARGES FOR IS: 435:1973 CASTOR OIL

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Clarity	4.2	1
2.	Colour	Table 1, S.No.i)	0.5
3.	Relative density	Table 1, S.No.ii)	1
4.	Refractive Index	Table 1, S.No.iii)	1
5.	Critical solution Temp	Table 1, S.No.iv)	1
6.	Acid value	Table 1, S.No.v)	1
7.	Saponification value	Table 1, S.No.vi)	1.5
8.	Unsaponifiable matter	Table 1, S.No.vii)	3
9.	Acetyl value	Table 1, S.No.viii)	2
10.	Iodine value	Table 1, S.No.ix)	1.5
11.	Moisture & Volatiles	Table 1, S.No.x)	1
12.	Optical rotation	Table 1, S.No.xi)	1
	PREPARATION OF TEST REPORT		0.5

	TOTAL TIME		16

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are Rs.1200.00

DG

The revised BIS testing charges for IS 444:2017 effective from 16-05-2018

BUREAU OF INDIAN STANDARDS

EROL, Kolkata

Our Ref: EROL/M/TC(444)

04.12.2017

SI No.	IS/ Clause No.	Requirements/ Characteristics	Man Hour spent in testing	Man hour cost of testing	Power consumption (if intensive)	Cost of power	Consumable cost (if significant)	Total cost of testing	Remarks (Method of test)
(I)	(II)	(III)	(IV)	(V)= (IV)xRs 300	(VI)	(VII)=(V) I)x Rs.10	(VIII)	(IX)	(X)
1	Cl 5	Materials and Construction	3	900				900	
2	Cl 6	Dimensions							
	6.1	Internal diameter and tolerances	0.5	150				150	ISO 4671
	6.2	Concentricity	0.5	150				150	ISO 4671
	6.3	Length tolerance	0.5	150				150	ISO 4671
	6.4	Min thickness of lining and cover	0.5	150				150	ISO 4671
3	Cl 7	Physical requirements							
	7.1	Rubber compounds							
		TS & % E	4	1200	2	20		1220	ISO 37
		Resistance to aging	4	1200	10	100		1300	ISO 188
	7.2	Finished hose							
	#	Proof pressure at 23 °C	2	600				600	ISO 1402
	#	Change in length at Proof Pressure	1	300				300	ISO 1402
	#	Min Burst pr	1	300				300	ISO 1402
	#	Adhesion between components	2	600				600	ISO 8033
	#	Ozone resistance	2	600				600	ISO 7326
	#	Flexibility at 23 °C	2	600				600	ISO 1746
	#	Flexibility at low temp	1	300				300	ISO 4672
	#	Power consumption			33	330		330	
5		Preparation of Report	1	300				300	

1) IS 444:2017/ISO 1403:2005 , Rubber Hoses, Textile-Reinforced, for General-Purpose Water Applications

2)

test facility not available at EROL

Testing Charges for the product as per 444:2017/ISO 1403:2005 = 8250

(A Chakrabarti)
OIC(Mechanical)

H(EROL)

H(LPPD)

DDGL

As decided by Competent Authority, the testing charges for the product are Rs. 4320/- excluding physical requirements for finished hose (Cl. 7.2).

(Ankita Tripathi)
Sc.B, LPPD

HLPPD
DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY, SAHIBABAD

[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1989.09.04

TESTING CHARGES FOR IS 444:1987 GENERAL PURPOSE RUBBER WATER HOSE

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS			
			Type1	Type2	Type3A	Type4B
1.	Construction					
	a) Lining	4.1.1 ç				
	b) Reinforcement	4.1.2 ³	1	1	1	1
	c) Cover	4.1.3 Û				
2.	Bore size and lining and cover thickness	4.2.1 & 4.2.2	1	1	1	1
3.	Tensile strength & elongation at break of lining and cover	4.3.1	3	3	3	3
4.	Accelerated ageing test	4.3.2	4	4	4	4
5.	Swelling test	4.3.3.	--	--	-	3
6.	Performance Requirements					
	a) Adhesion	4.4.1	2½	2½	2½	2½
	b) Pressure requirements					
	i) Hydraulic test (Bursting pressure)	³ 4.4.2 & ³ Table 3	1	1	1	1
	ii) Proof pressure test	³	½	½	½	½

S NO	TESTS	CLAUSE REF.	MAN-HOURS			
7.	Marking	5	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
	PREPARATION OF TEST REPORT		$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
TOTAL TIME :			14	14	14	17

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are as follows

Type I : Rs.1050.00

Type 2 : Rs.1050.00

Type 3A : Rs.1050.00

Type 4B : Rs.1275.00

APPROVED BY THE COMPETENT AUTHORITY.

The revised BIS testing charges for IS 446:2017 effective from 16-05-2018

BUREAU OF INDIAN STANDARDS

EROL, Kolkata

Our Ref: EROL/M/TC(446)

04.12.2017

SI No	IS/ Clause No.	Requirements/ Characteristics	Man Hour spent in testing	Man hour cost of testing	Power consumption (if intensive)	Cost of power	Consumable cost (if significant)	Total cost of testing	Remarks (Method of test)
(I)	(II)	(III)	(IV)	(V)= (IV)xRs 300	(VI)	(VII)= (VI)x Rs.10	(VIII)	(IX)	(X)
1	Cl 5	Materials and Construction	3	900				900	
2	Cl 6	Dimensions							
	6.1	Internal diameter and tolerances	0.5	150				150	ISO 4671
	6.2	Concentricity	0.5	150				150	ISO 4671
	6.3	Length tolerance	0.5	150				150	ISO 4671
	6.4	Min thickness of lining and cover	0.5	150				150	ISO 4671
3	Cl 7	Physical requirements							
	7.1	Rubber compounds							
		TS & % E	4	1200	2	20		1220	ISO 37
		Resistance to aging	4	1200	10	100		1300	ISO 188
		Resistance to liquids	4	1200	10	100		1300	ISO 1817
	7.2	Finished hose							
		# Proof pressure at 23 °C	2	600				600	ISO 1402
		# Change in length & dia at max working Pressure	1	300				300	ISO 1402
		# Min Burst pr	1	300				300	ISO 1402
		# Adhesion between components	2	600				600	ISO 8033
		# Ozone resistance	2	600				600	ISO 7326
		# Flexibility at 23 °C	2	600				600	ISO 1746
		# Flexibility at low temp	1	300				300	ISO 4672
					33	330		330	
5		Preparation of Report	1	300				300	

1) IS 446:2017/ISO 2398:2006 , Rubber Hoses, Textile-Reinforced, for Compressed Air

testing facility not available at EROL

Testing Charges for the product as per 444:2017/ISO 1403:2005 = 9550

(A Chakrabarti)
OIC(Mechanical)

H(EROL)
H(LPPD)
DDGL

As decided by Competent Authority, the testing charges for the product Rs. 5620/- excluding physical requirements for finished hose (Cl. 7.2).

(Ankita Tripathi)
Sc.B, LPPD

HLPPD
DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY, SAHIBABAD

[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1989-01-24

TESTING CHARGES FOR IS 446:1987 RUBBER AIR HOSE

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS		
			Type1	Type2	Type3
1.	Requirements				
	a) Construction				
	i) Lining	4.1.1 ³	1	1	1
	ii) Reinforcement	4.1.2 ³			
	iii) cover	4.1.3 ³			
	b) Dimensions & Tolerances	4.2	1	1	1
	c) Physical test on finished hose				
	i) Tensile strength & elongation at break of lining and cover	4.3.1	3	3	3
	ii) Accelerated ageing test	4.3.2	4	4	4
	iii) Oil absorption test (for type 3 hose only)	4.3.3	--	--	1½
	iv) Adhesion	4.4.1	4	4	4
	v) Pressure requirement	4.3.5	4	4	4
	PREPARATION OF TEST REPORT		½	½	½
	TOTAL TIME		18	18	19

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are as follows

Type I & 2 : Rs.1350.00

Type 3 : Rs.1425.00

APPROVED BY THE COMPETENT AUTHORITY.

The BIS testing charges for IS 447:1988 effective from 16-05-2018

BUREAU OF INDIAN STANDARDS

CENTRAL LABORATORY

(Quality Assurance Department)

Ref: CL/QA/Testing Charges/447

13-03-2018

Based on the inputs received from testing section, the testing charges as per IS 447:1988 (Amnd-1)

RUBBER HOSE FOR WELDING is as below:

S. No.	Requirement/Characteristics	IS/Clause	Man-hours	Power (kWh)	Consumables	Remarks
21.	Construction	Cl. 3.1	1	-	-	-
22.	Dimension and tolerances	Cl. 3.2	1	-	-	-
23.	Physical requirements	Cl. 3.3 & Table-2	-	-	-	-
	a. Tensile Strength	Cl. 3.3 & Table-2	-	-	-	-
	i. Lining	Cl. 3.3 & Table-2	1	-	-	-
	ii. Cover	Cl. 3.3 & Table-2	1	-	-	-
	b. Elongation at break	Cl. 3.3 & Table-2	-	-	-	-
	i. Lining	Cl. 3.3 & Table-2	0.5	-	-	-
	ii. Cover	Cl. 3.3 & Table-2	0.5	-	-	-
	c. Accelerated ageing, lining and cover	Cl. 3.3 & Table-2	-	-	-	-
	i. Change in tensile strength	Cl. 3.3 & Table-2	2	-	-	-
	ii. Change in elongation at break	Cl. 3.3 & Table-2	2	-	-	-
24.	Performance requirements	Cl. 3.4 & Table-3	-	-	-	-
	a. Hydrostatic test	Cl. 3.4 & Table-3	*	-	-	-
	b. Burst pressure	Cl. 3.4 & Table-3	*	-	-	-
	c. Increase in outside diameter at working pressure	Cl. 3.4 & Table-3	0.5	-	-	-
	d. Change in length at proof pressure	Cl. 3.4 & Table-3	0.5	-	-	-
	e. Adhesion between components	Cl. 3.4 & Table-3	*	-	-	-
	Report Preparation		1	-	-	-
	Total		11	-	-	-

*Test facility not available at CL.

Testing charges = 11 x 300 = Rs. 3300.00 excluding Hydrostatic test, Burst pressure and Adhesion between components.

OIC (QA)

Head (CL)

DDGL

As decided by Competent Authority, the testing charges for the product are Rs. 3300/- excluding Hydrostatic test, Burst pressure and Adhesion between components.

(Ankita Tripathi)
Sc.B, LPPD

HLPPD

DDG (Labs)

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1992-01-17

TESTING CHARGES FOR IS 451:1972 (Incorporating Amend .No1) Technical
Supply Condition for Wood Screws

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Material (Mild Steel or Brass)	3	As per Relevant ISS.
2.	Dimensions and Tolerances	4	1
3.	Finish	5 ³	1
4.	Workmanship	6 ³	
5.	Packing	7 ³	½
6.	Marking	8 ³	
	PREPARATION OF TEST REPORT		½
TOTAL TIME :			3

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are Rs.225.00
excluding test on Raw Materials.

APPROVED BY THE COMPETENT AUTHORITY.

..

BIS CENTRAL LABORATORY, SAHIBABAD
[Q. A. DEPARTMENT]

OUR REF : LAB/14:0

1996-05-10

TESTING CHARGES FOR IS 455:1989 PORT LAND SLAG CEMENT

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Chemical Requirements	5	
a)	Magnesium Oxide (MgO)	5.2	15
b)	Sulphur trioxide (SO ₃)	-do-	
c)	Sulphide Sulphur (S)	-do-	2
d)	Loss on Ignition	-do-	1
e)	Insoluble residue	-do-	1.5
f)	Total chloride content	3	
		(Note 1 & cl 8.2)	
2.	Physical requirements	6	2
a)	Fineness	6.1	
b)	Soundness	6.2	
i)	“By Le Chatelier Method”		2
ii)	By Autoclave test method		4
c)	Setting time	6.3	2
d)	Compressive strength	6.4	9
e)	Transverse strength of plastic mortar (optional)	6.5	5
	PREPARATION OF TEST REPORT		0.5

Testing charges per man hour are Rs.75.00. Hence complete testing charges for the product are as follows:

For chemical requirement	:	Rs.1725.00
For Physical requirement	:	Rs.1500.00
For repeat test (If required)		
By Le Chatelier Method	:	Rs.150.00
By Autoclave test method	:	Rs.300.00
For transverse strength	:	Rs.375.00

DDGL may kindly approve.

(V.K. Sethi)
TS (QA)

DCL(QA)
DDGL

NOTE: REVISED TESTING CHARGES PLACED BELOW

PP&C (T&C)

Our Ref : PP&C (T&C)/51:1

26 June 2014

Subject: Revision of BIS testing charges.

BIS Testing charges as prescribed for nine products were reviewed and as decided by the CA, the testing charges for six products have been revised as per the details given in Annex-1. The revised BIS testing charges shall be effective from 01-07-2014 and applicable for samples sent for testing after 01-07-2014.

The above revised BIS testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates. The revision of testing charges of OSLs, if any, shall be reviewed and decided in due course.

All Testing Centres/ROs/BOs are advised to note the above for implementation by the said date.

Encl: as above

(Dileep Kumar)
Head, PP&C (T&C)

DDG (T&C)

Circulated to all Heads of T&Cs/ROs/BOs/DDG (Cert.)/CMDs/DDGF

Copy to : **H (ITS)** - With a request to get the circular hosted on BIS Intranet.

REVISED BIS TESTING CHARGES OF IS 455

IS No	Revised BIS Testing Charges	Remarks
IS 455	Rs.8500.00	Excluding optional test (Transverse strength) Testing charges for Transverse strength Rs.2000.00

NOTE: REVISED TESTING CHARGES PLACED BELOW



BUREAU OF INDIAN STANDARDS
[LPPD]

Our Ref: LPPD/51:1

02.09.2015

Sub: Revision of BIS Testing Charges.

BIS Testing charges for seven products have been reviewed and as decided by the CA, the revised testing charges of the same, are given in Annex-1. The revised BIS testing charges for the ISS listed in Annex-1 shall be effective from 01-09-2015 and applicable for samples sent to BIS T&Cs for testing after 30-08-2015.

The above revised BIS testing charges shall not be applicable for outside BIS recognized labs. The outside approved lab who had adopted BIS testing charges would continue to be paid as per the pre-revised rates. The revision of testing charges of OSLs, if any, shall be reviewed and decided in due course.

All BIS labs/ROs/BOs are advised to note the above for implementation by the said date.

(Dileep Kumar)
Sc. F & Head[LPPD]

Sc. 'G' &DDG(Labs)

Encl. As above.

Circulated to all Heads of Labs/ROs/BOs/DDG(Cert.)/CMDs/DDGF

Copy to : H(ITS)

With a request to get the circular hosted on BIS Intranet.

**Testing Charges for
IS 455:1989 Portland Slag Cement**

(w.e.f. 31 Aug 2015)

S.No.	Clause No.	Requirements/ Characteristics	Manhours spent in Testing (in hrs)	Manhour cost of testing (@ ₹ 300 /manhour)	Power consumption (if intensive) (in kWh)	Cost of power (@ ₹ 9 per kWh)	Consumable cost (if significant)	Total cost of test	Remarks
1	2	3	4	5	6	7	8	9	10
1	5	Chemical Requirements							
a)	5.2	Magnesium Oxide (MgO)	3	₹ 900.00	36	₹ 324.00	₹ 500.00	₹ 3,824.00	Batch conditioning of 6 samples together.
b)	5.2	Sulphur Trioxide (SiO ₃)	2.25	₹ 675.00					
c)	5.2	Sulphide Sulphur (S)	2.25	₹ 675.00					
d)	5.2	Loss on Ignition	0.75	₹ 225.00					
f)	5.2	Insoluble residue	0.75	₹ 225.00					
g)	5.2 (Note 1)	Total Chloride content	1	₹ 300.00					
2	6	Physical Requirements							
a)	6.1	Fineness	2	₹ 600.00	0	0	0	₹ 600.00	
b)	6.2	Soundness							
		By Le Chatelier Method	1	₹ 300.00	0	0	0	₹ 300.00	
		By Autoclave test method	2	₹ 600.00	2	₹ 18.00	0	₹ 618.00	
c)	6.3	Setting time	1	₹ 300.00	0	0	0	₹ 300.00	
d)	6.4	Compressive Strength	4	₹ 1,200.00	48	₹ 432.00	0	₹ 1,632.00	Batch conditioning of 10 samples together.
e)	6.5	Transverse Strength (Optional)	3.5	₹ 1,050.00	18	₹ 162.00	0	₹ 1,212.00	
3		Preparation of Test Report	1	₹ 300.00	0	0	0	₹ 300.00	
		TOTAL	24.5	₹ 7,350.00	104	₹ 936.00	₹ 500.00	₹ 8,786.00	

Hence, testing charges (rounded to nearest Rs. 50.00) for the product are:

Including Transverse Strength (optional test) test **8,800.00**
 Excluding Transverse Strength (optional test) test **7,600.00**

Testing charges (rounded to nearest Rs. 50.00) for only chemical test report: **4,000.00**
 Testing charges (rounded to nearest Rs. 50.00) for only physical test report including optional tests: **4,800.00**
 Testing charges (rounded to nearest Rs. 50.00) for only physical test report excluding optional tests: **3,600.00**

(Sudheer Bishnoi)

Sc F & Head (LPPD)
Sc G & DDG (Labs)

Sc D (LPPD)

The BIS testing charges for IS 459:1992 effective from 16-05-2018
Testing Charges for IS 459 : 1992 CORRUGATEDANDSEMI-CORRUGATED
ASBESTOSCEMENTSHEETS

S.No.	Clause No.	Requirements/ Characteristics	Manhours spent in Testing (in hrs)	Manhour cost of testing (@ `300 /manhour)	Power consumption (if intensive) (in kWh)	Cost of power (@ ` 9 per kWh)	Consumable Cost (if significant)	Total cost of test	Remarks
1	2	3	4	5	6	7	8	9	10
1	3	Composition	0	0	0	0	0	0	As per relevant material standards
2	4	Colouring Matter	0	0	0	0	0	0	As per relevant material standards
3	5	Dimensions & Tolerances	2	600	0	0	0	600.00	
4	6	Physical & Mechanical Characteristics	0	0	0	0	0	300.00	
	6.1	Load Bearing Capacity	4	1200	0	0	0	1200.00	#TF not available
	6.2	Impetimeability	1	300	0	0	0	300.00	Optional Test
	6.3	Frost Cracking	8	2400	0	0	0	2400.00	Optional Test
	6.4	Density	3	900	0	0	0	900.00	Optional Test
5	7	General Appearance and Finish	1	300	0	0	0	300.00	
6		Preparation of Test Report	1	300	0	0	0	300.00	
		TOTAL	20	` 6000.00	0	` 0.00	0	6000.00	

**Hence, testing charges (rounded to nearest Rs. 50.00) for the product is :
6000.00**

OIC (Mech.)

Sc. E & HBNBOL

As decided by Competent Authority, the testing charges for the product are Rs. 1200/- (excluding Load bearing capacity and optional tests) + Charges as per relevant ISS

Rs. 3600/- for optional tests.

(Ankita Tripathi)
Sc.B, LPPD

HLPPD

DDG (Labs)

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1999-06-21

TESTING CHARGES FOR FOR WATER FOR THE REQUIREMENTS AS PER IS 456:1978
(CL.4.3) AND 784:1978 (CL.3.3)

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Acidity	4.3 (a)	1
2.	Alkalinity	4.3 (b)	1
3.	Organic loids	Table 1	1
4.	Inorganic solids	Table 1	1
5.	Sulphats	Table 1	1
6.	Chlorides	Table 1	1
7.	Suspended matter	Table 1	1
8.	pH	4.3.2	0.5
	PREPARATION OF TEST REPORT		0.5
	TOTAL TIME :		8

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are Rs.600.00

DG may kindly approve.

(V.K. Sethi)
TS (QA)

DCL(QA)
DDGL
ADGT
DG

The revised BIS testing charges for IS 458:2003 effective from 22-08-2017

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

05-07-2017

TESTING CHARGES FOR IS 458:2003 PRECAST CONCRETE PIPES (WITH AND WITHOUT REINFORCEMENT) (Amnd-1)

Sr NO	TESTS	CLAUSE REF.	MAN-HOURS	Cost of Consumables
1.	Material	5		
	a) Cement	5.2	As per IS269 Or As per IS 455 or As per IS1489 or As per IS8041 or As per IS8043 or As per IS8112 As per IS383	
	b) Aggregates	5.3	(Facilities not available at CL)	
	c) Reinforcement	5.4		
	i) Medium Tensile steel bars or		As per IS 432 (Pt1)	
	ii) Hard drawn steel wire or		As per IS 432 (Pt2)	
	iii) Structural steel (Standard Quality)bars		As per IS 2062	
	iv) wire fabric		As per IS 1566	
	v) Deformed bars or wire		As per IS 1786	
	vi) Soft grade wire		As per IS 280	
	vii) Plain hard drawn steel wire for prestressed concrete		As per IS 1785 (part-1)	
	viii) Plain hard drawn steel wire for prestressed concrete		As per IS 1785 (part-2)	
	d) Concrete or mortar	5.5	As per IS 456	
	e) Rubber Ring	5.6	IS 5382 5.4 of IS	
	f) Water	5.7	456	
	g) Chemical Admixtures	5.8	IS 9103	
2.	Dimension of pipe	8	3	
3.	Workmanship & finish	9	1	
4.	Tests			
	a) Compressive strength test.	10.1.1 & 5.5.1	3	
	b) Split tensile strength test.	10.1.1 & 5.5.2	Facilities not available at CL. (IS 5816)	
	c) Hydrostatic test	10.2(a)	Facilities not available at CL. (IS 3597)	
	d) Three-edge bearing test	10.2(b)	Facilities not	

		available at CL. (IS 3597)
e) Permeability Test	10.2 (b)	6
PREPARATION OF TEST REPORT		1
	TOTAL TIME :	14

Testing charges per man-hour are Rs. 300.00.
Hence testing charges for the product excluding the material test and for which testing facilities do not exist in CL are Rs.4200.00

(Ashok Kumar)
Lo-A

OIC,Mech
OIC (QA)
Head (CL)

As decided by CA, testing charges are Rs. 4200/- (excl. Split tensile strength test, Hydrostatic test, Three edge bearing test and test for aggregates) and testing charges as per relevant referred ISs

(Ankita Tripathi)
Sc.B, LPPD

Head, LPPD
DDGL

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY, SAHIBABAD

[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1991-04-04

TESTING CHARGES FOR IS 458:1988 PRECAST CONCRETE PIPES (WITH AND WITHOUT REINFORCEMENT) (THIRD REVISION)

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Material	4	
	a) Cement	4,2	As per IS 269:1989 Or As per IS 455:1976 or As per IS 1489:1976 or As per IS 8041:1990 or As per IS 8043:1978 or As per IS 8112:1989
	b) Aggregates	4.3	As per IS 383:1970 (Facilities not available at CL)
	c) Reinforcement	4.4	
	i) Medium Tensile steel bars or		As per IS 432 (Pt1):1982
	ii) Hard drawn steel wire or		As per IS 432 (Pt2):1982
	iii) Structural steel (Stand- ard Quality)bars		As per IS 226:1975
	vi) wire fabric		As per IS 1566:1982
	v) Deformed bars or wire		As per IS 1786:1985
	vi) Soft grade wire		As per IS 280:1978
	d) Concrete or mortar		As per IS 456:1978
2.	Dimensions	7	1
3.	Workmanship & finish	8	½

S NO	TESTS	CLAUSE REF.	MAN-HOURS
4.	Tests		
	a) Compressive strength test.	9.1.1 & 4.5.1	3
	b) Split tensile strength test.	9.1.1 Facilities not available & 4.5.2 at CL.	
4.	c) Hydrostatic test	9.2 (a) Facilities not available at CL.	
	d) Three-edge bearing test	9.2 (b) Facilities not available at CL.	
	e) Absorption	9.2 (c)	2
	PREPARATION OF TEST REPORT		½
TOTAL TIME :			7

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product excluding the material test for which testing facilities do not exist in CL are Rs.525.00

Testing charges for material tests as per above referred IS specification shall be levied extra.

APPROVED BY THE COMPETENT AUTHORITY

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1992-05-05

TESTING CHARGES FOR IS 459:1992 CORRUGATED AND SEMI- CORRUGATED
ASBESTOS CEMENT SHEETS.

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Composition	3	As per relevant ISS
2.	Colouring Matter	4	do
3.	Dimensions & Tolerances	5	1½
4.	Physical & Mechanical Characteristics		
	i) Load Bearing Capacity	6.1	2
	ii) Impermeability	6.2	1
		(optional)	
	iii) Frost Cracking	6.3	8
		(optional)	
	iv) Density	6.4	3
		(optional)	
5.	General Appearance & Finish and Marking	7 & 12	1
	PREPARATION OF TEST REPORT		½
	TOTAL TIME :		17

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product excluding tests at
Sl No. 1 & 2 are Rs.1275.00

APPROVED BY THE COMPETENT AUTHORITY.

BIS CENTRAL LABORATORY, SAHIBABAD

OUR REF : LAB/14:0

1989-10-31

TESTING CHARGES FOR IS 487:1985 BRUSHES, PAINT AND VARNISH, OVAL
FERRULE BOUND, AND ROUND, FERRULE BOUNDTOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Material		
	a) Filling Material	5.1.1	³
	b) Timber	5.1.2 , Append B	³ 3
	c) Ferrule	5.1.3	³ ½
	d) Plug	5.1.4	³
	e) Nails	5.1.5	½
	f) Cement	5.1.6	½
2.	Dimensions (including solid dressing of the bristles)	5.2.1.to 5.2.4 & Table 1 & 2	3
3.	Manufacture	5.3	1
4.	Workmanship and Finish	5.4	½
5.	Pull Test	6.1	½
6.	Benzene alcohol test	6.2	1
7.	Oven Test	6.3	1
8.	Detection of died bristles	6.4	½
9.	Curving/ processing of bristles	6.5	1
10.	Mass of bristles/finished brush	6.6	1½
11.	Preservation (when dusted by DDT- French chalk mixture)	8	3
S NO	TESTS	CLAUSE REF.	MAN-HOURS

12. Packing and Marking 7 & 9 ½

PREPARATION OF TEST REPORT ½

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product including material for each of the type i.e. oval or round as under:

- i) When nepthalene bolts used as preservation Rs.1200.00
- ii) When DDT- French chalk mixture used in preservation Rs.1425.00

APPROVED BY THE COMPETENT AUTHORITY.

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1986-07-11

TESTING CHARGES FOR IS 493 (Part-1) GENERAL PURPOSE MACHINERY AND
SPINDLE OILS PART-1 MACHINERY OILS

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	General	3.1	½
2.	Kinematic viscosity at 40°C	3.2 & i) of Table 1	1½
3.	Pour Point ,°C	" ii) "	1
4.	ASTM colour	" iii) "	1½
5.	Flash point (Cleveland	" iv) "	1
6.	Ash	" v) "	1½
7.	Total acidity, mg KOH/g	" vi) "	1
8.	Inorganic acidity	" vii) "	1
9.	Saponification value	" viii) "	2
10.	Copper strip corrosion at 100°C for 3 h	" ix) "	1½
	PREPARATION OF TEST REPORT		½
	TOTAL TIME :		13

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are : Rs. 975.00

APPROVED BY THE COMPETENT AUTHORITY.

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1986.07.11

TESTING CHARGES FOR IS 493 (Part-II):1981 GENERAL PURPOSE MACHINERY
AND SPINDLE OIL PART II SPINDLE OILS"

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS			
			Extra light grade VG2	Very Light Grade VG5	Light Grade VG10	Medium Grade VG 22
1.	General	3.1	½	½	½	½
2.	Kinematic viscosity at 40°C in centistocks	3.2 & i) of Tab 1	1½	1½	1½	1½
3.	ASTM colour	ii)	1½	1½	1½	1½
4.	Flash point (Pensky Martens closed cup)	iii)	1	1	-	-
5.	Flash point (Cleveland open cup)	iv)	-	-	1	1
6.	Poor point	v)	1	1	1	1
7.	Ash	vi)	1½	1½	1½	1½
8.	Total acidity Mg KOH/g	vii)	1	1	1	1
9.	Inorganic acidity	viii)	1	1	1	1
10.	Saponification value	ix)	2	2	2	2
S NO	TESTS	CLAUSE REF.	MAN-HOURS			
11.	Copper strip corrosion at	x)	1½	1½	1½	1½

100øC for 3 h

PREPARATION OF TEST REPORT

$\frac{1}{2}$

$\frac{1}{2}$

$\frac{1}{2}$

$\frac{1}{2}$

TOTAL TIME

13

13

13

13

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are as follows

For Extra light Grade VG2 : Rs.975.00

For Extra light grade VG5 : Rs.975.00

For Light Grade, VG10 : Rs.975.00

For Medium grade, VG22 : Rs.975.00

APPROVED BY THE COMPETENT AUTHORITY.

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1985-03-08

TESTING CHARGES FOR IS:494-1970 ALUMINIUM STEARATE FOR
LUBRICANTS

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Description	2.1	½
2.	Fineness	2.2	1
3.	Moisture content	2.3 & i) of Table 1	1
4.	Inorganic acidity or alkalinity	" ii) "	1
5.	Acidity of acetone extractables (CH ₃ (CH ₂) ₁₆ -COOH)	" iii) "	1
6.	Aluminium stearate (as Al ₂ O ₃)	" iv) "	2
7.	Iron content (as Fe ₂ O ₃)	" v) "	2
8.	Dispersion in benzene	" vi) "	½
9.	Worked penetration of dispersed material in 0.1mm	" vii) "	2½
	PREPARATION OF TEST REPORT		½
	TOTAL TIME :		12

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are Rs.900.00

APPROVED BY THE COMPETENT AUTHORITY.

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1991-03-20

TESTING CHARGES FOR IS 498:1985 CARDING FOR VACUUR PAN SUGAR
(PLANTATION WHITE), (FOURTH REVISION), (AMENDMENT NO 2).

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Requirements	4	
	a) Grain Size	4.1, Table 1	1
	b) Colour	4.1, Table 2	½
	PREPARATION OF TEST REPORT		½
		TOTAL TIME :	2

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are : Rs. 150.00

APPROVED BY THE COMPETENT AUTHORITY.

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1982-02-04

TESTING CHARGES FOR IS 501:1976 OXALIC ACID TECHNICAL AND
ANALYTICAL REAGENT

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS	
			Tech.	Analytical
1.	Description	As per Cl. 2.1	½	½
2.	Solubility	As per Cl. 2.2	½	½
3.	Oxalic acid content	As per Cl i) of Table 1	2	2
4.	Sulphated ash	" " "	1½	1½
5.	Chloride	" " "	1	1
6.	Sulphate	" " "	1	1
7.	Heavy Metal	" " "	1	1
8.	Nitrogen compound"	" " "	--	1
9.	Iron	" " "	1	1
10.	Calcium	" " "	--	1½
11.	Magnesium	" " "	1½	1½
PREPARATION OF TEST REPORT			½	½
TOTAL TIME :			11	13

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are as follows

Technical : Rs. 825.00

Analytical: Rs. 975.00

APPROVED BY THE COMPETENT AUTHORITY.

BIS CENTRAL LABORATORY, SAHIBABAD

OUR REF : LAB/14:0

1991.10.11

TESTING CHARGES FOR IS 505:1978 LIGHT CEOLIN.

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS			
			Gr.I	Gr.II	Gr.III	Gr.IV
1.	Coarse particle or girt represented as resedue on 53 micron IS Sieve	3.2& i) of Tab 1	1½	1½	1½	1½
2.	Particles longer than 10 micron in diameter	" ii) "	1½	1½	1½	1½
3.	Particles smaller than 2 micron in diameter	" iii) "	1½	1½	1½	1½
4.	Relative Density at 27/27 °C	" iv) "	1	1	1	1
5.	Loss on drying	" v) "	2	2	2	2
6.	Loss on ignition	" vi) "	2	2	2	2
7.	Matter soluble in Water	" vii) "	-	1	1	-
8.	Matter soluble in HCl	"viii) "	½	1½	1½	1½
9.	Copper (as CuO)	" ix) "	-	2	-	-
10.	Arsenic (As As ₂ O ₃)	" x) "	-	-	-	2½
11.	Iron (As Fe ₂ O ₃)	" xi) "	2	2	2	2

12. Manganese (As MnO)	" xii) "	-	2	-	-
13. pH Value	xiii) "	-	-	1	-
14. Oil Absorption	xiv) "	-	1½	-	-
15. Colour reflectance to blue light of wave length 504 O°A	xv) "	2	2	2	-
16. Additional Requirements for Grade 1	3.3	2	-	-	-
17. Additional Requirements for grade 2	3.4	2	-	-	-
PREPARATION OF TEST REPORT		½	½	½	½

Testing charges per man-hour are Rs. 75.00.
Hence complete testing charges for the product are as follows

Grade I : Rs.1200.00 + 150.00 Additional Requirements

Grade I : Rs.1650.00 + 150.00 Additional Requirements

Grade III: Rs.1305.00

Grade IV : Rs.1200.00

APPROVED BY THE COMPETENT AUTHORITY.

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1990-10-09

TESTING CHARGES FOR IS 506:1983 SPECIFICATION FOR AUTOMOTIVE GREASE

[TOP](#)

S NO	TESTS	CLAUSE REF.		MAN-HOURS	
		For General uses	For Defence purposes	For General uses	For Defence purposes
				Gr.1,2,3&4	Gr.1 & 2
1.	General Requirements	3.1.1& 3.1.2		½	½
2.	Alkability (applicable for Gr1&2 only)	3.1.3		*1	-
3.	Position	3.2	3.3	3	3
4.	Consistency of the worked material 25ñ0.5øC	i)of tab 1	i) of table 2	1½	1½
5.	Copper strip corrosion test at 75øC for 24 h	ii) "	ii) "	3	3
6.	Free organic acidity (As olcic acid)	iii) "	iii) "	1	1
7.	Free alkability as Ca(OH)2	iv) "	iv) "	1	1
8.	Drop point	v) "	v) "	1	1
9.	Heat stability	vi) "	vi) "	2	2
10.	Corrosion preventing test	vii) "	vii) "	2	2
11.	Water content	viii) "	viii) "	1	1
12.	Sulphated ash	ix) "	ix) "	1½	1½

S NO	TESTS	CLAUSE REF.		MAN-HOURS	
13.	Low temperature	x) "	x) "	-	2

pumping properties

14. Keeping quality	3.5	3.5	3	3
PREPARATION OF TEST REPORT			$\frac{1}{2}$	$\frac{1}{2}$

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are as follows

1. For General users
 - a) Gr. 1 & 2 Rs.1650.00
 - b) Gr. 3 & 4 Rs.1575.00
2. For defence purposes Rs.1725.00

* Applicable for Gr.1 & Gr.2 only.

APPROVED BY THE COMPETENT AUTHORITY.

The revised BIS testing charges for IS 513 (Pt-1):2016 effective from 18-05-2017

**BIS CENTRAL LABORATORY, SAHIBABAD
[CHEMICAL DEPARTMENT]**

TESTING CHARGES FOR IS 513 (Part-1):2016, Amnd-nil Cold Reduced Low Carbon Steel Sheet and Strip:
Part 1: Cold Forming and Drawing Purpose

SI.No.	Characteristics	Clause no.	Man-Hours	Electricity Power Consumed kwh	Cost of Consumable including material applicable
reference wherever					
1.	Chemical composition	Table 3 (Clause 7.1 & 7.3)			
	i) Carbon	2	6		50.00
	ii) Sulphur	2	6		50.00
	iii) Phosphorus		3	6	50.00
	iv) Manganese		3	6	50.00
	PREPARATION OF TEST REPORT			1	
	TOTAL	:	11	24	200.00

Testing charges per man-hour Rs.300.00

Electricity power consumption Rs.9.00 per KWH

Hence complete testing charges for the each designation of the product = 3716/- (rounded off to 3750/-)

Remarks: Testing charges for each of the elements other than Table (Aluminum, Silicon, Nitrogen, Chromium, Nickel, Niobium, Vanadium, Titanium, Molybdenum, Boron, Calcium & other) will be Rs.1004/-

CA may kindly approve.

**Rakesh Meena
LO-B**

OIC (Chem)

Mechanical
Laboratory

Sub. :

Proposal for the Time Estimate for Cold Reduced Carbon Steel Sheet & Strip.
Part 1 Cold Forming & Drawing Purpose

OIC(Mech)

LO(B)

OIC(QA)

Head, CL

Mech.Lab

As decided by CA, testing charges are Rs.8850/- excluding Tensile Strain Hardening component, Bake hardening and Surface finished test and Rs.1004/- for each of the elements other than carbon, sulphur, phosphorus and manganese.

(Kshitij Bathla)
Sc.B, LPPD

Head, LPPD
DDGL

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1996-10-09

TESTING CHARGES FOR IS 513:1994 ROLLED LOW CARBON STEEL SHEETS
AND STRIPS (FOURTH REVISION).

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	ChemicalComposition	5,Table 1	
	a) Carbon		1
	b) Manganese		2.5
	c) Sulphur		2
	d) Phosphorus		2
2.	Hardness Test	6.3	0.5
3.	Bend Test	6.4	1
4.	Dimension & Dimensional Tolerances	9	2
	PREPARATION OF TEST REPORT		1

Testing charges per man-hour are Rs. 75.00. Hence complete
testing charges for the product are Rs. 900.00

DDGL may kindly approve.

The revised BIS testing charges for IS 513 (Pt-2):2016 effective from 18-05-2017

**BIS CENTRAL LABORATORY, SAHIBABAD
[CHEMICAL DEPARTMENT]**

TESTING CHARGES FOR IS 513 (Part-2):2016, Amnd-nil Cold Reduced Low Carbon Steel Sheet and Strip:
Part 1: High Tensile and Multi-phase Steel

SI.No.	Characteristics	Clause no.	Man-Hours	Electricity Power Consumed kwh	Cost of Consumable including material applicable
reference					
wherever					
1.	Chemical composition	Table 2 (Clause 6)			
	i) Carbon	2	6		50.00
	ii) Sulphur	2	6		50.00
	iii) Phosphorus		3	6	50.00
	iv) Manganese		3	6	50.00
	PREPARATION OF TEST REPORT			1	
	TOTAL	:	11	24	200.00

Testing charges per man-hour Rs.300.00

Electricity power consumption Rs.9.00 per KWH

Hence complete testing charges for the each designation of the product = 3716/- (rounded off to 3750/-)

Remarks: Testing charges for each of the elements other than Table (Aluminum, Silicon, Nitrogen, Chromium, Nickel, Niobium, Vanadium, Titanium, Molybdenum, Boron, Calcium & other) will be Rs.1004/-

CA may kindly approve.

**Rakesh Meena
LO-B**

OIC (Chem)

BIS
Central Laboratory
Mechanical Laboratory

Sub. Proposal for the Time Estimate for Cold Reduced Carbon Steel Sheet & Strip.

:

Part 2 High Tensile & Multi-Phase steel.

IS 513 (Part 2) : 2016

SI.No	Characteristics	Clause No./ Table	Man- hours	Electric Power required(kwh)	Consumable Cost (Rs)	Test facility at CL Available/Not avail.
1	Tensile Test	7.1	5	10 kWh		A
2	Bend Test	7.2	2	2.5 kWh		A
3	Tensile Strain Hardening Component	7.3	---	---		Not available
4	Surface Finish	8.5	---	---		Not available
5	Oiling	8.6	0.5			A
6	Freedom From Defects	9	0.5			A
7	Dimensions & Tolerances	10	1	---		A
Preparation of test report & calculations			1	---		

Total 10 Hrs + 12.5 kwh = Rs 3112.5

Note :

Rounded off to Rs.3150/-

1 Above estimate is only for Mechanical Testing .

2 Sample size for testing required : 500 mm length X 2 Pcs + Chemical testing

OIC(Mech)

LO(B)

OIC(QA)

Mech.Lab

As decided by CA, testing charges are Rs.6900/- excluding Tensile Strain Hardening component, Bake hardening and Surface finished test and Rs.1004/- for each of the elements other than carbon, sulphur, phosphorus and manganese.

(Kshitij Bathla)
Sc.B, LPPD

Head, LPPD
DDGL

The revised BIS testing charges for IS 539:1974 effective from 22-08-2017

**BIS CENTRAL LABORATORY, SAHIBABAD
[CHEMICAL DEPARTMENT]**

Date : 28.06.2017

TESTING CHARGES FOR IS 539:1974, Amnd-1 Naphthalene.

SI.No.	Characteristics	Clause no.	Man- Hours	Electricity Power Consumed kwh	Cost of Consumable including material applicable
--------	-----------------	------------	---------------	--------------------------------------	--

	Grade-I	Grade-II	Grade-I	Grade-II
1.	Description	Cl.4.1	0.5	0.5
2.	Staining	Cl.4.2	0.5	--
3.	Colour	Cl.4.3,Table-1	0.5	1
4.	Crystallizing point	Cl.4.3,Table-1	1	1
5.	Moisture	Cl.4.3,Table-1	1	1
6.	Ash content	Cl.4.3,Table-1	1	1
7.	Acid wash	Cl.4.3,Table-1	1	1
8.	Matter insoluble in benzene	Cl.4.3,Table-1	1	1
9.	Non volatile matter	Cl.4.3,Table-1	1	1
10.	Total sulphur	Cl.4.3,Table-1	--	2.5
11.	Total nitrogen	Cl.4.3,Table-1	--	2.5
	Preparation of report		1	1
	Total		8.5	13.5

Testing charges per man-hour Rs.300.00
Electricity power consumption Rs.9.00 per KWH

Hence complete testing charges for the product are as follows:

i) For Grade1 = $8.5 \times 300 + 15.5 \times 9 + 800 = 3489$ /- (Rounded off Rs.3490/-)

ii) For Grade2 = $13.5 \times 300 + 20 \times 9 + 1100 = 5330$ /-

CA may kindly approve.

Parveen Kumar
LO-B

Sc – B (Chem)

OIC (Chem)

Head, CL

As decided by CA, testing charges are Rs. 3490/- for Grade 1 and Rs. 5330/- for Grade 2

(Ankita Tripathi)
Sc.B, LPPD

Head, LPPD
DDGL

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY

(QAD)

Ref: CL/QA/79

14.10.2013

Subject: Testing Charges for Naphthalene Pure, Grade I &II as per IS 539:1974

Sl. No.	Req/Characteristic	IS/ Clause	Man-Hours	Man hour cost of testing (In Rs.)	Power consumption (If intensive)	Cost of power (In Rs.)	Consumables Required (Approx Cost in Rs.)	Total Charges for Each Test (in Rs.) 8=4+6+7
1	2		3	4	5	6	7	
1	Description	CL 4.1	5 min	6.25	0	0	0	6.25
2	Staining (Only for grade I)	Cl. 4.2	15 min	18.75	4	36	0	54.75
3	Colour (Only for grade II)	Cl. 4.3 Table 1	20 min	25	0	0	2	27
4	Crystallizing point	Cl. 4.3 Table 1	1 hr	75	2.5	22.5	0	97.5
5	Moisture	Cl. 4.3 Table 1	0.75 hr	56.25	2.5	22.5	130	208.75
6	Ash Content	Cl. 4.3 Table 1	1 hr	75	1	9	0	84
7	Acid Wash Test	Cl. 4.3 Table 1	1 hr	75	0.5	4.5	152	231.5
8	Matter insoluble in benzene	Cl. 4.3 Table 1	1 hr	75	2.5	22.5	171	268.5
9	Non volatile matter	Cl. 4.3 Table 1	0.5hr	37.5	2	18	0	55.50
10	Total Sulphur (Only for grade II)	Cl. 4.3 Table 1	2.5hr	187.5	5	45	85	317.5
11	Total Nitrogen (Only for grade II)	Cl. 4.3 Table 1	2.5hr	187.5	3.5	31.5	120	339
12	Report Preparation Time	Cl. 4.3 Table 1	1 hr	75	0	0	0	75
	Total (for grade I)		6.92hr	493.75	15	135	453	1081.75
	Total (for grade II)		11.67hr	875	19.5	175.5	660	1710.75

In case of Grade I, testing charges for colour requirement is included in Description testing charges.
Testing Charges per man-hour are Rs 75.

Hence Testing Charges for **Naphthalene Pure, Grade I** are = Rs. 1081.75 (Rounded to1080)
= **Rs 1080/- (Rupees One thousand Eighty only)**

Hence Testing Charges for **Naphthalene Pure, Grade II** are = Rs. 1710.75 (Rounded to1710)
= **Rs 1710/- (Rupees One thousand Seven hundred ten only)**

Adbhut Singh
(Sc-B, QA)

Sc- F & Head (CL)
Head (CQAPD)
Sc-G & Chief (Labs)

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/14:0

2001-07-17

TESTING CHARGES FOR IS: 539:1974 NAPHTHALENE

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS	
			Gr.I	Gr.II
1.	Description	4.1.1	1	1
2.	Test for staining	4.2	1.5	-
3.	Colour	Table 1, S.No.i	0.5	1
4.	Crystallizing point	S.No.ii	1	1
5.	Moisture content	S.No.iii	1	1
6.	Ash content	S.No.iv	1	1
7.	Acid wash test	S.No.v	1	-
8.	Matter insoluble in benzene	S.No.vi	1	1
9.	Non volatile matter	S.No.vii	1	1
10.	Total sulphur	S.No.viii	-	2.5
11.	Total Nitrogen	S.No.ix	-	2.5
PREPARATION OF TEST REPORT			1	1
TOTAL TIME			10	13

Testing charges per man hour are Rs.75.00. Hence complete testing charges for the product are as follows:

Gr.I : Rs.750.00
Gr.II : Rs.975.00

DG may please approve.

(V.K. Sethi)
TS (QA)

D&H (QA)
DDGL
ADGT
DG

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/14:0

2001-10-04

TESTING CHARGES FOR IS: 542:1968 COCONUT OIL

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Moisture & Insoluble impurities	Table 1, S.No.i)	3
2.	Colour	Table 1, S.No.ii)	0.5
3.	Refractive Index 40 deg.C	Table 1, S.No.iii)	1
4.	Sp. Grairty 30 deg/30 deg.C	Table 1, S.No.iv)	1
5.	Saponification value	Table 1, S.No.v)	1.5
6.	Iodine value	Table 1, S.No.vi)	1.5
7.	Acid value	Table 1, S.No.vii)	1
8.	Unsaponifiable matter	Table 1, S.No.viii)	3
9.	Polenske value	Table 1, S.No.ix)	3
10.	Flash point pensky martens	Table 1, S.No.x)	1
	PREPARATION OF TEST REPORT		0.5

	TOTAL TIME		17

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are Rs.1275.00

DG

BIS LABORATORY POLICY & PLANNING DEPTT

Our Ref: LPPD/52:2

25.05.2015

TESTING CHARGES FOR IS 543:1968 - COTTONSEED OIL FOR COSMETIC INDUSTRY

SL. No.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS							
			Expressed				Solvent-Extracted			
			Refined Grade	Grade 1A (Washed)	Grade 1B (Washed)	Grade 2 (Raw)	Refined Grade	Semi-refined Grade	Grade 1 (Raw)	Grade 2 (Raw)
1	Description & Clarity	4.1 & 4.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
2	Admixture with Other Oils	4.3	11	11	11	11	11	11	11	11
3	Moisture and Insoluble Impurities	8.1 & 4.4, (i) of Table 1	3	3	3	3	3	3	3	3
4	Colour	8.1 & 4.4, (ii) of Table 1	0.5	0.5	0.5	-	0.5	0.5	-	-
5	Refractive Index	8.1 & 4.4, (iii) of Table 1	1	1	1	1	1	1	1	1
6	Relative Density	8.1 & 4.4, (iv) of Table 1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
7	Saponification Value	8.1 & 4.4, (v) of Table 1	2	2	2	2	2	2	2	2
8	Iodine Value	8.1 & 4.4, (vi) of Table 1	2	2	2	2	2	2	2	2
9	Acid Value	8.1 & 4.4, (vii) of Table 1	1	1	1	1	1	1	1	1
10	Unsaponifiable Matter	8.1 & 4.4, (viii) of Table 1	3	3	3	3	3	3	3	3
11	Refining Loss	8.1 & 4.4, (ix) of Table 1	-	-	-	3	-	-	3	3
12	Flash Point	8.1 & 4.4, (x) of Table 1	-	-	-	-	2	2	2	2
13	Optional Requirement for ECOMARK	4.5								
(i)	Aflatoxin	4.5.2.1	5	5	5	5	5	5	5	5
(ii)	Toxic Elements (Lead, Arsenic, Cadmium, Mercury)	4.5.2.4, Table 2	8	8	8	8	8	8	8	8
	PREPARATION OF TEST REPORT		1	1	1	1	1	1	1	1
	TOTAL TIME (with Ecomark)		38.5	38.5	38.5	41	40.5	40.5	43	43
	TOTAL TIME (without Ecomark)		24.5	24.5	24.5	27	26.5	26.5	29	29

Ecomark)

TESTING CHARGES (with Ecomark), in Rs. (@ Rs. 300.00/- per Man-Hour)	11550/-	11550/-	11550/-	12300/-	12150/-	12150/-	12900/-	12900/-
TESTING CHARGES (without Ecomark), in Rs. (@ Rs. 300.00/- per Man-Hour)	7350/-	7350/-	7350/-	8100/-	7950/-	7950/-	8700/-	8700/-
COST OF CONSUMABLES, in Rs.	1000/-	1000/-	1000/-	1000/-	1000/-	1000/-	1000/-	1000/-
COMPLETE TESTING CHARGES FOR THE PRODUCT (with Ecomark)	12550/-	12550/-	12550/-	13300/-	13150/-	13150/-	13900/-	13900/-
COMPLETE TESTING CHARGES FOR THE PRODUCT (without Ecomark)	8350/-	8350/-	8350/-	9100/-	8950/-	8950/-	9700/-	9700/-

DDG (Labs) may kindly approve.

Varsha Gupta
Sc-B

Head (LPPD)
DDG (Labs)

BIS CENTRAL TESTING & CALIBRATION CENTRE
(Quality Assurance Section)

CL/QA/79

13.11.2014

Subject: Testing Charges for Groundnut Oil –Specification as per IS 544: 2014

Characteristic	Clause no. / Table	Man – hours	Man Hour Cost of Testing	Power Consumption (If intensive in KWh)	Cost of Power (9 rupee per unit)	Consumables required (Approx cost Rs.)	Test facility availability (Y/N)
2	3	4	5=4*300	6	7=6*15	8	9
Freedom from sediments, suspended and other foreign matter and separated water	5.2	0.5	150	-	--	--	Y
Clarity of the material	5.2.1	0.5	150	24	360	-	Y
Non-edible oils and adulterants	5.3	9	2700	3	45	350	Y
Afla toxin	5.4	5*	1500	0.2*	3	1000*	N
Metal contaminants and Pesticide Residues	5.5	-	-	-	-	-	Test method not specified
Requirements as per table 1	5.7						
Moisture & Insoluble impurities	Table 1	3	900	6	90	100	Y
Colour	-do-	0.5	150	-	-	-	Y
Refractive Index	-do-	1	300	1	15	-	Y
Specific gravity	-do-	0.5	150	1	15	-	Y
Saponification value	-do-	2	600	1	15	50	Y
Iodine value	-do-	2	600	-	-	50	Y
Acid value	-do-	1	300	-	-	50	Y
Unsaponifiable matter	-do-	3	900	5	75	100	Y
Flash point Pensky-Martens	-do-	2*	600	1*	15	-	N
Hexane	-do-	8*	2400	1*	15	1000*	N
Bellier turbidity temperature	-do-	2	600	1	15	50	Y
Optional Requirements for ECO Mark	5.8						
Alfatoxin	5.8.1.2	#					
Toxic Metals (Lead, Arsenic, Cadmium, Mercury)	5.8.1.2 Table 2	8	2400	8	120	1000	Y
Preparation of Report	--	1	300	--	--	--	--
Total	---	49	14700	52.2	783	3750	--

Remark: * Information taken from BIS OSL

Testing charges already covered in Cl. 5.4 at Sr No. 4. Difference is only in specified requirements (i.e. 30 µg/kg in Cl.5.4 and 5 µg/kg Max in Cl.5.8.1.2 for ECO Mark)

Hence total Testing Charges for the product (except Cl. 5.5) are= Rs (14700+783+3750)=19233/- (Rounded to 19240/- = Rs 19240/- (Rupees Nineteen Thousand Two Hundred Thirty Three Only)

Adbhut Singh
OIC QA

Sc- F & Head (CTCC)

BIS CENTRAL TESTING & CALIBRATION CENTRE
(Quality Assurance Section)

CL/QA/79

13.11.2014

Subject: Testing Charges for Mustard Oil –Specification as per IS 546: 2014

S. No	Characteristic	Clause no. / Table	Man – hours	Man Hour Cost of Testing	Power Consumption (If intensive in KWh)	Cost of Power (15 rupee per unit)	Consumables required (Approx cost Rs.)	Test facility availability (Y/N)
1	2	3	4	5=4*300	6	7=6*15	8	
1 a.	Freedom from sediments, suspended and other foreign matter and separated water	5.2	0.5	150	-	-	--	Y
1 b.	Peroxide value	5.2	2	600	-	-	-	Y
2	Clarity of the material	5.2.1	0.5	150	24	360	-	Y
3	Non-edible oils and adulterants	5.3	11	3300	5	75	500	Y
4	Afla toxin	5.4	5*	1500	0.2*	3	1000*	N
5	Metal contaminants and Pesticide Residues	5.5	--	--	--	--	--	Test Method not Specified
6	Requirements as per table 1	5.7						
i)	Moisture & Insoluble impurities	Table 1	3	900	6	90	100	Y
ii)	Colour	-do-	0.5	150	-	-	-	Y
iii)	Refractive Index	-do-	1	300	1	15	-	Y
iv)	Saponification value	-do-	2	600	1	15	50	Y
v)	Iodine value	-do-	2	600	-	-	50	Y
vi)	Acid value	-do-	1	300	-	-	50	Y
vii)	Unsaponifiable matter	-do-	3	900	5	75	100	Y

viii)	Natural essential oil	-do-	3	900	3	45	100	Y
ix)	Bellier turbidity temperature	-do-	2	600	1	15	50	Y
x)	Flash point Pensky-Martens	-do-	2*	600	1*	15	-	N
xi)	Hexane	-do-	8*	2400	1*	15	1000*	N
xii)	Polybromide	-do-	1	300	-	-	25	Y
7	Optional Requirements for ECO Mark	5.8						
i)	Alfatoxin	5.8.1.2						
ii)	Toxic Metals (Lead, Arsenic, Cadmium, Mercury)	5.8.1.2 Table 2	8	2400	8	120	1000	Y
8	Preparation of Report	--	1	300	--	--	--	--
9	Total	--	56.5	16950	56.2	843	4025	--

Remark: * Information taken from BIS OSL,

Testing charges already covered in Cl. 5.4 at Sr No. 4. Difference is only in specified requirements (i.e. 30 µg/kg in Cl.5.4 and 5 µg/kg Max in Cl.5.8.1.2 for ECO Mark)

e Total Testing Charges for the product (Except Cl. 5.5) are= Rs. 16950+843+4025=21818/- (Rounded to 21820/-)
= Rs. 21820/- (Rupees Twenty One Thousand Eight Hundred Eighty Only)

(Adbhut Singh)
OIC QA

Sc- F & Head (CTCC)
Head (PP&C (T&C))
Sc-G & DDG (T&C)

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/14:0

2001-10-04

TESTING CHARGES FOR IS: 547:1968 JSESAME OIL

SL.NO.	CHARACTERISTICS	CLAUSE NO.	MAN-HOURS
1.	Boudouin Test	4.5	1.5
2.	Moisture & Insoluble impurities	Table 1, S.No.i)	3
3.	Colour	Table 1, S.No.ii)	0.5
4.	Refractive Index	Table 1, S.No.iii)	1
5.	Sp. gravity	Table 1, S.No.iv)	1
6.	Saponification value	Table 1, S.No.v)	1.5
7.	Iodine value	Table 1, S.No.vi)	1.5
8.	Acid value	Table 1, S.No.vii)	1
9.	Unsaponifiable matter	Table 1, S.No.viii)	3
10.	Bellier turbidity temp	Table 1, S.No.ix)	2
11.	Flash point	Table 1, S.No.x)	1
	PREPARATION OF TEST REPORT		0.5

	TOTAL TIME (Rounded)		18

Testing charges per man-hour are Rs.75.00. Hence complete testing charges for the product are Rs.1350.00

DG

BIS CENTRAL LABORATORY
(Q.A. Department)

Our Ref:CL/QA/79

16 Jan 2006

TESTING CHARGES FOR SAFES AS PER IS 550(Pt-1):2003

Sl..No.	Characteristics	Clause no.	Man-Hours	Electricity Power Consumed kwh	Cost of consumables including reference material where- ever applicable
A. TEST PARAMETERS					
1.	Marking & Packing	10 & 13	1		
2.	Classification & Designation	3, 6 & Table 1	1		
3.	Dimension & Sizes	4 & Table 2	4		
4.	Material	5 & Table 3			
a.	Drill resistant armour plates	ii of Table 3			
	i) Hardness	-- do --	2		
	ii) Case Depth	-- do --	3		
	iii) Carbon %	-- do --	1		
b.	Keys-Non magnetic stainless steel	vii of Table 3			
c.	Others	1,3,4,5&6 of Table 3			Applicability as per relevant ISS like IS 1079, 1732, 2062, 1875, 292, 306, 713, 410, 7608 & 1570 (Pt-5)
5.	Construction & Workmanship	7	8		
6.	Internal fixtures	8	1		
7.	Painting	9	1		
8.*	Burglary Resistance	12 & 5.3 of IS 550(Pt-2):91	12		
9.	Fire resistance	12 & 3.4 of IS 550 (Pt-3):91	4		
10.	Fire impact	12 & 3.5 of IS 550 (Pt-2):91	6		
B.	Electricity power consumed for Testing of locks as per Cl.7.6.3				100 kwh = 100 units

C.	i) Cost of Consumables/CRMs	1000.00
	ii) Cost of handling charges of sample (loading & unloading)	1000.00
D.	PREPARATION OF SAMPLES	5
	PREPARATION OF TEST REPORT	3
	TOTAL TIME	52 hrs

* Testing facilities are not available for the tests mentioned.

Testing charges per man-hour are Rs.75.00. Hence testing charges for the product excluding testing charges at Sl.No.4c are $Rs.52 \times 75 = 3900 + 100 \times 4 + 1000 + 1000 = Rs.6300.00$

The proposal is made on the basis of information received from testing lab.

DDGL may kindly approve.

(K.S. Arya)
STA(QA)

D&H(QA)
DDGL

The revised BIS testing charges for IS 553:1984 effective from 16-05-2018

BUREAU OF INDIAN STANDARDS

CENTRAL LABORATORY

(Quality Assurance Department)

Ref: CL/QA/Testing Charges/553

15.11.2017

Based on the inputs received from testing section, the testing charges as per IS 553:1984 (Amnd-2)

ROSIN (GUM ROSIN) is as below:

S. No.	Requirement/Characteristics	IS/Clause	Man-hours	Power (kWh)	Consumables	Remarks (Grades)
25.	Description	Cl. 4.1	0.5	-	-	-
26.	Solubility	Cl. 4.2	1	-	-	-
27.	Requirements	Cl. 4.3 & Table-1	-	-	-	-
	a. Colour	Cl. 4.3 & Table-1	*	-	-	-
	b. Softening point	Cl. 4.3 & Table-1	1	-	-	-
	c. Relative density	Cl. 4.3 & Table-1	1	-	-	-
	d. Acid number	Cl. 4.3 & Table-1	1	-	100	-
	e. Saponification number	Cl. 4.3 & Table-1	2	-	100	-
	f. Volatile matter	Cl. 4.3 & Table-1	1	-	-	-
	g. Ash content	Cl. 4.3 & Table-1	1.5	3	-	-
	h. Matter insoluble in Toluene	Cl. 4.3 & Table-1	1.5	-	100	-
	i. Unsaponifiable matter	Cl. 4.3 & Table-1	2.5	-	200	-
	Report Preparation		1	-	-	-
	Total		14	3	500	-
28.	Additional requirements	Cl. 4.4 & Table-2	-	-	-	-
	a. Copper content	Cl. 4.4 & Table-2	2.5	3	100	-
	b. Manganese content	Cl. 4.4 & Table-2	2.5	3	100	-
	c. Iron content	Cl. 4.4 & Table-2	2	-	50	-
	d. Freedom from lead or compounds of lead	Cl. 4.4 & Table-2	2	-	-	-
	e. Acidity	Cl. 4.4 & Table-2	0.5	-	-	-
	f. Freedom from grit	Cl. 4.4 & Table-2	0.5	-	-	-

	Total (for additional requirements only)		10	6	250	-
--	--	--	----	---	-----	---

*Test facility not available at CL.

Testing charges = $14 \times 300 + 3 \times 9 + 500.00 = \text{Rs.}4727.00$ (excluding colour and additional requirements).

Extra charges for additional requirements = $10 \times 300 + 6 \times 9 + 250.00 = \text{Rs.}3304.00$.

OIC (QA)

Head (CL)

DDGL

As decided by Competent Authority, the testing charges for the product are Rs. 4727/- excluding colour and additional requirements.

Rs. 3304/- for additional requirements.

**(Ankita Tripathi)
Sc.B, LPPD**

HLPPD

DDG (Labs)

Please Refer to Revised Testing Charges mentioned above

BIS CENTRAL LABORATORY, SAHIBABAD

[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1985.10.31

TESTING CHARGES FOR IS 553:1984 ROSIN (GUM ROSIN)

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Description	4.1	½
2.	Solubility	4.2	1
3.	Colour	4.3 &i) of Table 1	1
4.	Softening point	" ii) "	1
5.	Relative density	" iii) "	1
6.	Acid Number	" iv) "	1
7.	Saponification number	" v) "	2
8.	Volatile matter	" vi) "	1
9.	Ash content	" vii) "	1½
10.	Matter insoluble in toluence	" viii) "	1½
11.	Unsaponifiable matter	" ix) "	2½
	PREPARATION OF TEST REPORT		½
	Total Time		15

Additional requirements for rubber, Soap and other specialized uses.

12.	Copper	4.4 & i) of Table 1	2½
13.	Manganese	" ii) "	2½
14.	Iron	" iii) "	2
15.	Freedom from lead	" iv) "	2

or compounds of lead

S NO	TESTS	CLAUSE REF.	MAN-HOURS
16.	Acidity	" v) "	½
17.	Freedom from grit	" vi) "	½
TOTAL TIME :			10

Testing charges per man-hour for Rosin are Rs. 75.00.

Hence complete testing charges for gum Rosin are Rs.1125.00. For Rubber Soap and other specialized uses, the material is to be tested for additional requirements & extra charges for these tests are Rs.750.00

APPROVED BY THE COMPETENT AUTHORITY.

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1983.01.12

TESTING CHARGES FOR IS 560:1980 BHC (HCH TECHNICAL & REFINED
(IIIrd REVISION)

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Description	3.1	½
2.	Gamma Isomer content by GLC	i) of Table 1	4
3.	Moisture	ii) "	1
4.	Matter insoluble in acetone	iii) "	1
5.	Acidity	iv) "	1
	PREPARATION OF TEST REPORT		½
		TOTAL TIME :	8

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are : Rs.600.00

APPROVED BY THE COMPETENT AUTHORITY.

BIS CENTRAL LABORATORY, SAHIBABAD
Q. A. DEPARTMENT]

OUR REF : LAB/14:0

1983.01.12

TESTING CHARGES FOR IS 561:1978 BHC (HCH DUSTING POWDER)
(FOURTH REVISION)

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Description		½
2.	Gamma Isomer content by GLC		4
3.	Material through sieve		1
4.	Bulk density		½
5.	Acidity /Alkalinity		1
	PREPARATION OF TEST REPORT		½
TOTAL TIME :			8

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are : Rs.600.00

APPROVED BY THE COMPETENT AUTHORITY.

OUR REF : LAB/14:0

1989.08.07

TESTING CHARGES FOR IS 562:1978 BHC (HCH) WATER DISPERSIBLE POWER
CONCENT RATES.

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Description	2.1	½
2.	Gamma-Isomer content by GLC	2.3 & i) of Table 1	4
3.	Material passing through 75 micron sieve	" ii) "	
	a) Before accelerated storage		1
	*b) After accelerated storage		1½
4.	Suspensibility by GLC	" iii) "	
	a) Before accelerated storage		4½
	b) After accelerated storage		5
5.	Acidity (as HCl) or Alkalinity (as Na ₂ CO ₃)	iv) "	1
	PREPARATION OF TEST REPORT		½

* Not to be performed if sample has crossed half shelf life.

Note:-The sample for sieving and suspensibility requirements shall be tested either before accelerated storage or after accelerated storage depending upon whether the sample has crossed half shelf life or not.

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are as follows

When the sample has not crossed half shelf life = Rs.975.00

When the sample has corssed half shelf life = Rs.900.00

APPROVED BY THE COMPETENT AUTHORITY.

BIS CENTRAL LABORATORY, SAHIBABAD
[Q.A.DEPARTMENT]

OUR REF : LAB/14:0

1983.01.13

TESTING CHARGES FOR IS 563:1973 DDT. TECHNICAL (SECOND REV.)

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Requirements	2.1	½
2.	PP'-Isomer content	i) of table 1	2½
3.	Setting point	ii) "	1
4.	Melting point of separated PP'-Isomer	iii) "	1
5.	Total organic chlorine content	iv) "	3½
6.	Hydrolysable Chlorine	v) "	3
7.	Matter insoluble in acetone	vi) "	1
8.	Acidity	vii) "	1
9.	Moisture	viii) "	2
	PREPARATION OF TEST REPORT		½
	TOTAL TIME :		16

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are : Rs.1200.00

APPROVED BY THE COMPETENT AUTHORITY.

BIS CENTRAL LABORATORY, SAHIBABAD

OUR REF : LAB/14:0

1989-08-07

TESTING CHARGES FOR IS 564:1984 DDT DUSTING POWDERS

TOP

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Description & Colour	2.1 & 2.4	½
2.	*Identity Test	2.3	Facilities not available at Cl
3.	DDT content	2.3 & i) of Table 1	3
4.	Sieving Requirement	" ii) "	1
5.	Bulk density after compacting	" iii) "	½
6.	Acidity (as H ₂ -SO ₄) or Alkalinity (as NaOH)	" iv) "	1
	PREPARATION OF TEST REPORT		½
	TOTAL TIME :		7

Testing charges per man-hour are Rs. 75.00.

Hence complete testing for the product are Rs:525.00 excluding charges for Identity Test.

APPROVED BY THE COMPETENT AUTHORITY.

[Q. A. DEPARTMENT]

OUR REF : LAB/14:0

2001 03 16

TESTING CHARGES FOR IS 565:1984 DDT WATER DISPERSIBLE POWDER
CONCENTRATES

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS
1.	Identity Test	2.1.2	*
2.	DDT content	2.2 & i) of Table 1	3
3.	Sieving Requirement	" ii) "	1
4.	Suspensibility	" iii) "	3.5
5.	Acidity (as H ₂ SO ₄) OR Alkalinity (as NaOH)	" iv) "	1
	PREPARATION OF TEST REPORT		1
	Total Time		10

Testing charges per man hour are Rs.75.00

Hence testing charges for the product are Rs.750.00

*Testing facilities for identity test are not available at CL presently

APPROVED BY DG

BIS CENTRAL LABORATORY, SAHIBABAD
[Q. A. DEPARTMENT]

OUR REF : LAB/14:0

1983-02-14

TESTING CHARGES FOR IS:571-1969 MONOSODIUM PHASPHATE
(FIRST REVISION)

[TOP](#)

S NO	TESTS	CLAUSE REF.	MAN-HOURS	
			Pure	Analytical Reagent
1.	Description	2.1	½	½
2.	Loss on drying	i) of Table 1	1	1
3.	Sodium phosphate content on dry basis	ii) "	2	2
4.	Insoluble, calcium and amm. hydroxing precipitate	iii) "	2	2
5.	Chloride	iv) "	1	1
6.	Nitrogen compounds(as N)	v) "	1½	1½
7.	Sulphates (as SO4)	vi) "	2	2
8.	Arsenic (as As2-O4)	vii) "	2	2
9.	Heavy Metals (as Pb)	viii) "	2	2
10.	Iron (as Fe)	ix) "	2	2
11.	pH	x) "	1	1
PREPARATION OF TEST REPORT			½	½
TOTAL TIME :HRS.			18	18

Testing charges per man-hour are Rs. 75.00.

Hence complete testing charges for the product are Rs.1350.00 for each grade.

APPROVED BY THE COMPETENT AUTHORITY.