

भारतीय मानक ब्यूरो / BUREAU OF INDIAN STANDARDS
केंद्रीय प्रयोगशाला / CENTRAL LABORATORY
(विद्युतीय प्रयोगशाला / ELECTRICAL LABORATORY)

Our Ref: CL/TF/Electrical/3419

22.11.2024

Subject: Creation of Testing Facility for Electrical requirements.

विषय: विद्युतीय आवश्यकताओं के लिए परीक्षण सुविधा का निर्माण।

This is for information to all Regional/Branch/Laboratories and Departments of BIS that Central Laboratory Electrical Section has created testing facilities as per detail given below:

यह बीआईएस के सभी क्षेत्रीय/शाखा/प्रयोगशालाओं और विभागों की जानकारी के लिए है कि केंद्रीय प्रयोगशाला के विद्युतीय अनुभाग ने नीचे दिए गए विवरण के अनुसार परीक्षण सुविधाओं का निर्माण किया है।

IS No.	:	IS 3419:1988
Product	:	Fittings for Rigid Non-Metallic Conduits as per IS 3419:1988
Test(s) with clause No. for which facility has been created	:	Cl.17
Type/Size/Grade/Variety for which test facility has been created	:	Electrical Characteristics
Test Section	:	Electrical Testing Section
Major equipment procured for creation of test facility	:	Electric strength Zig & Modification and Upgradation of existing equipment.
Status of facility created	:	Complete
Test(s) with clause No. for which facility yet to be created for complete testing	:	-
Sample size	:	30 Nos
Testing capacity/Month	:	10 Sample
Remarks	:	-

In view of the above, all Regional/Branch/Laboratories are requested to sent the samples to Central Laboratory for testing according to the above Testing Facilities.

उपरोक्त के अनुसार, सभी क्षेत्रीय/शाखा/प्रयोगशालाओं से अनुरोध है कि उपरोक्त परीक्षण सुविधाओं के अनुसार नमूनों को परीक्षण के लिए केंद्रीय प्रयोगशाला में भेजा जाए।

Sc-G & Head (CL)




22/11/2024
Sumit Bhardwaj
Sc-D & OIC(E)

**BIS, Central Laboratory, Sahibabad
(Electrical Lab)**

Our Ref: CL/Electrical/IS 3419: 1988

03.10.2024

Testing Charges for Fittings for Rigid Non-Metallic Conduits as per IS 3419:1988

S. No.	Characteristics	Clause No.	Man-Hours	Electricity Power Consumed kW (Units)	Remark
1.	Preparation of Sample	-	2.0	-	-
2.	Visual Examination	8	2.0	-	-
3.	Checking of Dimensions	9	5.0	-	-
4.	Resistance to heat	10	3.0	-	-
5.	Resistance to burning	11	2.0	-	-
6.	Moisture absorption test	12	6.0	12.0	-
7.	Test for resistance to chemical action	13	3.0	-	-
8.	Copper test	14	2.0	13.0	-
9.	Test for Resistance to Oil	15	8.0	20.0	-
10.	Resistance to Impact	16	3.0	-	-
11.	Test for Electrical Characteristics	17	6.0	10.0	-
12.	PREPARATION OF TEST REPORT	-	2.0	-	-
Total			45.0	55.0	-

Testing charges per man-hour is Rs 300.00 and electricity consumption is 9 pre-KWh.
Testing charges = $45 \times 300 + 55 \times 9 = \text{Rs } 13,995/-$

Hence, Complete testing charges = Rs 14,000/-

An
S.K.Tiwari
LO

CMR and
03/10/2024
OIC (ET)

Head (CL)

OIC (QA)