

## यांत्रिक इंजीनियरी विभाग

हमारा संदर्भ: एमईडी 17/ए-3

28 08 2020

**विषय:** भारतीय मानकों का पुनः पुष्टि

भारतीय मानक पांच साल की अवधि के लिए जुलाई 2020 महीने के दौरान रसायन इंजीनियरी उद्योग एवं उससे संबंधित उपकरण की अनुभागीय समिति, एमईडी 17 द्वारा पुनः पुष्टि अनुलग्न (**Annex I**) की गयी है।

निदेशक(क्रय)/ निदेशक (पुस्तकालय सेवा)/निदेशक(प्रकाशन) इन भारतीय मानकों की पुनः पुष्टि का वर्ष निर्धारित करने के लिए आवश्यक कार्यवाही करें।

(रजनीश खोसला)  
वैज्ञानिक 'ई' एवं प्रमुख((एमईडी))

निदेशक (क्रय/वितरण)  
निदेशक (पुस्तकालय सेवा)  
निदेशक (प्रकाशन)

सभी को सूचना के लिए :

- i) सभी क्षेत्रीय कार्यालय
- ii) सभी शाखा कार्यालय
- iii) सभी निरीक्षण कार्यालय
- iv) मुख्यालय में सभी विभाग
- v) सभी प्रयोगशालाओं
- vi) तकनीकी सूचना सेवा विभाग — इंटरनेट पर अपलोड करने के लिए

**MECHANICAL ENGINEERING DEPARTMENT**

**Our Ref:** MED 17/A-3

28 08 2020

**Subject:** REAFFIRMATION OF INDIAN STANDARDS

The Indian standards, as given in **Annex I** have been reaffirmed Chemical Engineering Plants and Related Equipment Sectional Committee, MED 17 during the month of July 2020 for a further period of five years.

Director (Sales)/Director (Library)/Director (Publication) may please take necessary action for affixing the year of reaffirmation to these Indian Standards..

(Rajneesh Khosla)  
Sc-E & Head (MED)

**D (Sales)**

**D (Library)**

**D (Publication)**

Copy- by e-mail to:

- i) All Regional Offices
- ii) All Branch Offices
- iii) All Inspection Offices
- iv) All Technical Departments in HQ
- v) All Labs
- vi) ITS Dept - with the request to upload the information on BIS intranet

## ANNEX – I

<i>Sl. No</i>	<i>IS No</i>	<i>TITLE</i>
1.	IS 2379 : 1990	Pipelines - Identification - Colour code (First Revision)
2.	IS 3133 : 1989	Manhole and inspection openings for chemical equipment - General requirements (First Revision)
3.	IS 3232 : 1999	Recommendations on graphical symbols for process flow diagrams, piping and instrumentation diagrams (Second Revision)
4.	IS 4642 : 1968	Specification for ball, pebble and tube mills
5.	IS 4682 : Part 2 : 1969	Code of practice for lining of vessels and equipment for chemical processes: Part 2 glass enamel lining
6.	IS 4682 : Part 3 : 1969	Code of practice for lining of vessels and equipment for chemical processes: Part 3 lead lining
7.	IS 4682 : Part 5 : 1970	Code of practice for lining of vessels - And equipment for chemical processes: Part 5 epoxide resin lining
8.	IS 4682 : Part 6 : 1970	Code of practice for lining of vessels and equipment for chemical processes: Part 6 phenolic resin lining
9.	IS 4682 : Part 7 : 1974	Code of practice for lining of vessels and equipment for chemical processes: Part 7 corrosion and heat resistant metals
10.	IS 4682 : Part 8 : 1974	Code of practice for lining of vessels and equipment for chemical processes Part 8 Precious metal
11.	IS 4682 : Part 9 : 1974	Code of practice for lining of vessels and equipment for chemical processes: Part 9 titanium
12.	IS 4682 : Part 10 : 1974	Code of practice for lining of vessels and equipment for chemical processes: Part 10 brick and tile
13.	IS 4854 : Part 1 : 1969	Glossary of terms for valves and their parts: Part 1 screw down stop check and gate valve and their parts
14.	IS 4854 : Part 2 : 1968	Glossary of terms for valves and their parts: Part 2 plug valves and cocks and their parts
15.	IS 4854 : Part 3 : 1974	Glossary of terms for valves and their parts: Part 3 butterfly valves
16.	IS 4864 to 4870 : 1968	Specification for shell flanges for vessels and equipment
17.	IS 4870 : 1968	Flat gaskets for shell flanges - (SEE IS 4864 TO IS 4870)
18.	IS 5036 : 1969	Specification for filter presses, recessed plate type, and plate and frame type
19.	IS 5428 : Part 1 : 1985	Specification for gauge glasses: Part 1 tubular glasses for level gauges (First Revision)
20.	IS 5428 : Part 2 : 1985	Specification for gauge glasses Indian standard: Part 2 protector glasses for tubular gauge glasses (First Revision)
21.	IS 5428 : Part 3 : 1985	Specification for gauge glasses: Part 3 through - Vision and reflex glasses (First Revision)
22.	IS 5428 : Part 4 : 1985	Specification for gauge glasses: Part 4 circular sight and light glasses (First Revision)

23.	IS 5428 : Part 5 : 1985	Specification for gauge glasses: Part 5 port gauge glasses as used in fittings for steam boilers (First Revision)
24.	IS 6034 : 1989	Insulating oil conditioning plants - Specification (First Revision)
25.	IS 6076 : 1990	Vacuum technology - Flange dimensions (First Revision)
26.	IS 6202 : 1971	Specification for flat glass oil level gauges for oil storage tanks
27.	IS 6838 : 1973	Dimensions for 'O' rings and grooves for vacuum flanges
28.	IS 6849 : Part 1 : 1999	Positive displacement vacuum pumps - Measurement of performance characteristics: Part 1 measurement of volume rate of flow (Pumping Speed) (Second Revision)
29.	IS 7366 : 1974	Specification for edge type filters required for filtration of oils of straight mineral type
30.	IS 8243 : Part 1 : 1999	Vapour vacuum pumps - Measurement of performance characteristics: Part 1 measurement of volume rate of flow (Pumping Speed) (Second Revision)
31.	IS 9522 : 1980	Code of practice for agitator equipment
32.	IS 9618 : 1980	Specification for road tankers for liquefied petroleum gas
33.	IS 9625 : 1980	Locations of by - Pass and drain connections for valves
34.	IS 9705 : Part 1 : 1980	Specification for quick release coupling for vacuum pipe lines: Part 1 screwed couplings type b
35.	IS 10217 : 1982	Method of determination of crushability index
36.	IS 10218 : 1982	Method of determination of grindability index
37.	IS 10247 : 1982	Method of determination of impact index
38.	IS 10470 : 1983	Specification for air cooled heat exchangers
39.	IS 10605 : 1989	Steel globe valves (Flanged And Butt Welded Ends) for petroleum, petrochemical and allied industries - Specification (First Revision)
40.	IS 10611 : 1983	Specification for steel gate valves (Flanged And Butt - Welded Ends) for petroleum, petrochemicals and allied industries
41.	IS 10873 : 1983	Data sheet for air - Cooled heat exchangers
42.	IS 10874 : 1983	Specification for felsite grinding media and liner stones
43.	IS 10989 : 1984	Specification for cast or forged steel check valves (Flanged Or Butt Welding Ends) for petroleum, petrochemicals, chemicals and allied industries
44.	IS 11132 : 1985	Specification for ammonia valves
45.	IS 12754 : Part 1 : 1989	Process measurement control functions and instrumentation - Symbolic representation: Part 1 basic requirements
46.	IS 12754 : Part 2 : 1989	Process measurement control functions and instrumentation - Symbolic representation: Part 2 extension of basic requirements
47.	IS 12754 : Part 3 : 1989	Process measurement control functions and instrumentation - Symbolic representation: Part 3 detailed symbols for instrument interconnection diagrams

48.	IS 12754 : Part 4 : 1989	Industrial process measurement control functions and instrumentation - Symbolic representation: Part 4 basic symbols for process computer, interface, and shared display/control functions
49.	IS 12962 : 1990	Data sheet for basic engineering plant design
50.	IS 12992 : Part 2 : 1990	Spring loaded safety relief valves specification: Part 2 testing