

**GOVERNMENT OF INDIA  
MINISTRY OF CHEMICALS & FERTILIZERS  
DEPARTMENT OF CHEMICALS & PETROCHEMICALS**

**LOK SABHA  
UNSTARRED QUESTION NO 1127  
TO BE ANSWERED ON 03.12.2021**

**Quality of Chemical Products**

**1127: SHRI RAJESHBHAI CHUDASAMA:**

Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:-

- (a) whether the Government has recently made BIS Standard mandatory for some chemical products and if so, the details thereof; and
- (b) the details of steps taken/being taken by the Government for standardization and quality improvement of chemical products?

**ANSWER**

**MINISTER OF HEALTH AND FAMILY WELFARE & CHEMICALS AND FERTILIZERS (DR. MANSUKH MANDAVIYA )**

(a) Yes, Sir. The Government has recently made BIS Standard mandatory for some chemical products. D/o Chemicals & Petrochemicals has notified 51 Quality Control Order (QCO) to make BIS standards as mandatory so far. The details is attached at Annexure.

(b) Standards of major chemicals & petrochemicals are formulated by Bureau of Indian Standards (BIS) and most of the standards are presently voluntary in nature. However, sometimes chemicals imported into India do not meet the quality requirements as per BIS standards. To protect human, animal or plant health, safety of the environment and

to improve quality, Government for selective chemical products has initiated an exercise to make BIS standards as mandatory under Section 16 of BIS Act, 2016, so that both domestic manufacturers and overseas suppliers meet the BIS standards and supply quality chemicals.

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## Annexure

### List of Quality Control Orders notified in Gazette of India for making BIS standard as mandatory

Sl. No.	Indian Standard	Chemical/Description
1	IS 252:2013	Caustic Soda
2	IS 695 : 1986	Acetic Acid
3	IS 517 : 1986	Methanol
4	IS 2833:2019	Aniline
5	IS 15573 : 2018	Poly Aluminium Chloride
6	IS 8058: 2018	Pyridine
7	IS 16113: 2013, Reaffirmed 2018	Gamma Picoline
8	IS 16112: 2013	Beta Picoline
9	IS 12084: 2018	Morpholine
10	IS 297: 2001, Reaffirmed 2017	Sodium Sulphide
11	IS 7129: 1992, Reaffirmed 2015	Potassium Carbonate
12	IS 170: 2004, Reaffirmed 2015	Acetone
13	IS 4581: 1978 Reaffirmed 2015	Phosphorus Trichloride
14	IS 11744: 1986 Reaffirmed 2015	Phosphorus Pentachloride
15	IS 11657: 1986 Reaffirmed 2015	Phosphorous Oxychloride
16	IS 2080: 1980, (Reaffirmed 2016)	Hydrogen Peroxide
17	IS IS 3205: 1984, (Reaffirmed 2015) IS 12928: 1990, (Reaffirmed 2017)	Precipitated Barium Carbonate
18	IS 4505: 2015	Sodium Formaldehyde Sulphoxylate
19	IS 6100: 1984, Reaffirmed 2015	Sodium Tripolyphosphate

20	IS 7686 : 2020	3 (N, N- Di Ethyl) Aminophenol
21	IS 4566 : 2020	Methylene Chloride (Dichloromethane)
22	IS 2012 : 2006, Reaffirmed 2016	Red Phosphorus
23	IS 798 : 2020	Ortho Phosphoric Acid
24	IS 5158: 1987	Phthalic Anhydride
25	IS 14887: 2014	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for packaging of 50kg. Foodgrains
	IS 16208:2015	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for packaging 10kg., 15kg., 20kg., 25kg., and 30kg. Foodgrains
	IS 14968:2015	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for packaging 50kg./25kg Sugar
	IS 14252:2015	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for filling Sand
26	IS 537:2011	Toluene
27	IS 5295:1985	Ethylene Glycol
28	IS 336:1973	Ether
29	IS 15030:2001	Terephthalic Acid
30	IS 14709:1999	n- Butyl Acrylate
31	IS 4105:2020	Styrene (Vinyl Benzene)
32	IS 12345:1988	Vinyl Acetate Monomer
33	IS 12540:1988	Acrylonitrile
34	IS 14707:1999, IS 14708:1999, IS 14709:1999	Methyl Acrylate, Ethyl Acrylate, n-Butyl Acrylate
35	IS 5149:2020	Maleic Anhydride
36	IS 12795:2020	Linear Alkyl Benzene
37	IS 13601: 1993	Ethylene Vinyl Acetate (EVA) Copolymers
38	IS 11356 : 2020	Styrene Butadiene Rubber Latex
39	IS 7328:2020	Polyethylene Material for Moulding and Extrusion

40	IS 17261:2019	Polyester Continuous Filament Fully Flat Drawn Yarn (FDY)
41	IS 17262:2019	Polyester Partially Oriented Yarns (POY)
42	IS 17263:2019	Polyester Staple Fibres (PSF)
43	IS 17264:2019	Polyester Industrial Yarn (IDY)
44	IS 17265:2019	100 percent Polyester Spun Grey and White Yarn (PSY)
45	IS 16481:2016	Synthetic micro-fibres for use in cement based matrix
46	IS 17370:2020	P-XYLENE
47	IS 869:2020	1,2 DICHLOROMETHANE (ETHYLENE DICHLORIDE)
48	IS 17442:2020	Vinyl Chloride (CHLOROETHYLENE), UNSTRTD
49	IS 17077:2019 or ISO19062-1:2015	Acrylonitrile Butadiene Styrene Copolymers
50	IS 17397(Pt-1):2020 or ISO 16365-1:2014	POLYURETHANES
51	IS14434:1996	Polycarbonate

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