

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### PCD 3 : Petroleum and their Related Products of Synthetic or Biological or Natural Origin

**Scope:** To formulate Indian Standards for terminology; petroleum, petroleum products, biofuels (liquid and gas), fuels produced through synthesis route, specification for natural gas, hydrogen and other renewable fuels, diesel exhaust fluids and codes of practice for storage, handling, transport and application.

**Liaison:** **ISO TC-193 (P): Natural gas ISO TC-255 (P): Biogas ISO TC-28 (P): Petroleum and related products, fuels and lubricants from natural or synthetic sources ISO TC-28 SC-7 (P): Liquid Biofuels ISO TC-28 SC-4 (P): Classifications and specifications**

### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 11254 : 2009 <i>Reviewed In : 2019</i>	Code of practice for dispensation of aviation fuel and allied products (First Revision)	April, 2019	-	Indigenous
2	IS 11489 : 1985 <i>Reviewed In : 2020</i>	Specification for heavy petroleum stock (Hps)	October, 2020	2	Indigenous
3	IS 13833 : 2019 <i>Reviewed In : 2024</i> Decision taken to Reaffirm and Archive	Microcrystalline Wax Derived From Petroleum — Specification ( First Revision )	February, 2024	-	Indigenous
4	IS 1459 : 2018 <i>Reviewed In : 2023</i>	Kerosene - Specification (Fourth Revision)	May, 2023	-	Indigenous
5	IS 1460 : 2017 <i>Reviewed In : 2024</i>	Automotive diesel fuel - Specification (Sixth Revision)	April, 2024	2	Indigenous
6	IS 14861 : 2000 <i>Reviewed In : 2020</i>	Liquefied petroleum gases (Lpg) for automotive purposes - Specification	October, 2020	1	Indigenous
7	IS 15126 : 2002 ISO 13443 <i>Reviewed In : 2023</i> Reaffirmed but not taken up for revision <i>ISO 13443</i>	Natural gas - Standard reference conditions	May, 2023	-	Identical under dual numbering
8	IS 15127 : 2024 ISO 13686 : 2013 <i>ISO 13686 : 2013</i>	Natural Gas - Quality Designation ( First Revision)		-	Identical under dual numbering
9	IS 15127 : 2002 ISO 13686 <i>Reviewed In : 2023</i> <i>ISO 13686 : 2013</i>	Natural gas - Quality designation	May, 2023	-	Identical under dual numbering

10	IS 15217 : 2002 Reviewed In : 2019	Fuel oil for diesel generating sets - Specification	April, 2019	-	Indigenous
11	IS 15320 (Part 1) : 2012 ISO 15403-1 : 2006 Reviewed In : 2023 Reaffirmed but not taken up for revision ISO 15403-1 : 2006	Natural gas - Natural gas for use as a compressed fuel for vehicles: Part 1 designation of the quality (First Revision)	May, 2023	-	Identical under dual numbering
12	IS 15464 : 2022	ANHYDROUS ETHANOL FOR USE AS BLENDING COMPONENT IN MOTOR GASOLINE SPECIFICATION First Revision		-	Indigenous
13	IS 15607 : 2022	Biodiesel B-100 - Fatty Acid Methyl Esters FAME Specification Second Revision		-	Indigenous
14	IS 1571 : 2018 Reviewed In : 2023 DEF STAN 91-091 (Iss	Aviation turbine fuels, kerosine type, jet - A - 1 - Specification (Tenth Revision)	May, 2023	4	Modified/Technically Equivalent
15	IS 15770 : 2008 Reviewed In : 2019	Light diesel oil - Specification	April, 2019	-	Indigenous
16	IS 15770 : 2021	Heating Oil(LDO) - Specification		-	Indigenous
17	IS 1587 : 2017 DEF STAN 91-86	Aviation turbine fuel, high flash point type - Specification (Fourth Revision)	-	-	Modified/Technically Equivalent
18	IS 1593 : 2018 Reviewed In : 2023	Fuel oils - Specification (Third Revision)	May, 2023	-	Indigenous
19	IS 15958 : 2023	Compressed Natural Gas (CNG) and Liquefied Natural Gas (LNG) for Automotive Purposes $i_c/2$ Specification (First Revision)		-	Indigenous
20	IS 1604 : 2022	Aviation gasoline - Specification (fifth revision)		-	Indigenous
21	IS 16061 : 2021 ISO 14687:2019 ISO 14687:2019	HYDROGEN FUEL QUALITY PRODUCT SPECIFICATION		-	Identical under dual numbering
22	IS 16087 : 2016 Reviewed In : 2020	Biogas (Biomethane) - Specification (First Revision)	October, 2020	-	Indigenous
23	IS 16531 : 2022 ASTM D7467, EN 16709	Biodiesel Diesel Fuel Blend B8 to B20 Specification First Revision of IS 16531		-	Not Equivalent
24	IS 16629 : 2017	Hydrous ethanol for use in ed 95 automotive fuel - Specification		-	Indigenous
25	IS 16634 : 2023	E85 FUEL ADMIXTURE OF ANHYDROUS ETHANOL AND MOTOR GASOLINE FOR FLEX FUEL POSITIVE IGNITION ENGINE POWERED VEHICLES SPECIFICATION		-	Indigenous
26	IS 16704 : 2018 ISO 16861 : 2015 Reviewed In : 2023	Petroleum products - Fuels (Class F) - Specifications of dimethyl ether (Dme	May, 2023	1	Identical under dual numbering

	Reaffirmed but not taken up for revision <b>ISO 16861</b>				
27	IS 16731 : 2019 ISO 8217 : 2017 <b>Reviewed In : 2024</b> <b>8217 : 2017</b>	Petroleum products - Fuels (?Class F?) - Specifications of marine fuels	April, 2024	-	Identical under dual numbering
28	IS 16737 : 2018 ISO 8216-2 : 1986 <b>ISO 8216-2 : 1986</b>	Petroleum Products- Fuels (Class F) - Classification Part 2 Categories of Gas Turbine Fuels for Industrial and Marine Applications		-	Identical under dual numbering
29	IS 16737 (Part 3) : 2018 ISO 8216-3 : 1987 <b>Reviewed In : 2023</b> Reaffirmed but not taken up for revision <b>ISO 8216-3 : 1987</b>	Petroleum products - Fuels (Class F) - Classification: Part 3 family I (Liquefied Petroleum Gases)	May, 2023	-	Identical under dual numbering
30	IS 16737 (Part 99) : 2017 ISO 8216-99 : 2002 <b>ISO 8216-99 : 2002</b>	Petroleum products - Fuels (Class F) - Classification: Part 99 general		-	Identical under dual numbering
31	IS 16861 : 2018 <b>Reviewed In : 2024</b> <b>ISO 8217</b>	High flash high speed diesel fuel - Specification	April, 2024	1	Not Equivalent
32	IS 17021 : 2018 <b>Reviewed In : 2023</b>	E 20 fuel - Admixture of anhydrous ethanol and gasoline - As fuel for spark ignited engine powered vehicles - Specification	May, 2023	1	Indigenous
33	IS 17042 (Part 1) : 2020 ISO 22241-1 : 2019 <b>ISO 22241-1:2019</b>	Diesel Engines — NOx Reduction Agent AUS 32 Part 1 Quality Requirements ( First Revision )		-	Identical under dual numbering
34	IS 17042 (Part 2) : 2020 ISO 22241-2 : 2019 <b>ISO 22241-2:2019</b>	Diesel Engines — NOx Reduction Agent Aus 32 Part 2 Test Methods ( First Revision )		-	Identical under dual numbering
35	IS 17042 (Part 3) : 2018 ISO 22241-3 : 2017 <b>ISO 22241-3</b>	Diesel Engines - NOX Reduction Agent AUS 32 Part 3 Handling, Transportation and Storage		-	Identical under dual numbering
36	IS 17049 : 2018 <b>Reviewed In : 2023</b> Reaffirmed but not taken up for revision	Petroleum coke for anode making in aluminium industry - Specification	May, 2023	1	Indigenous
37	IS 17075 : 2019	Anhydrous methanol for use as a blending component in fuels - Specification		-	Indigenous
38	IS 17076 : 2019	M15 fuel - Admixture of anhydrous methanol and motor gasoline as fuel for spark ignited engines - Specification		1	Indigenous
39	IS 17081 : 2019 <b>Reviewed In : 2024</b>	Aviation turbine fuel (Kerosene Type, Jet A - 1) containing synthesized hydrocarbons -	February, 2024	-	Indigenous

		Specification			
40	IS 17314 : 2019	Hydrogen Enriched Compressed Natural Gas ( HCNG ) for Automotive Purposes â€” Specification		-	Indigenous
41	IS 1745 : 2018  Reviewed In : 2023 Reaffirmed but not taken up for revision	Petroleum hydrocarbon solvents - Specification (Third Revision)	May, 2023	-	Indigenous
42	IS 17586 : 2021	E12 and E15 Fuel - Admixture of Anhydrous Ethanol and Motor Gasoline - For Positive Ignition Engine Powered Vehicles - Specification		-	Indigenous
43	IS 17661 (Part 1) : 2022 ISO 18611-1:2014 ISO 18611-1:2014	Ships and marine technology Marine NOX Reduction Agent AUS 40 Part 1: Quality Requirements		-	Identical under dual numbering
44	IS 17661 (Part 2) : 2022 ISO 18611-2:2014 ISO 18611-2:2014	Ships and marine technology Marine NOX Reduction Agent AUS 40 Part 2: Test Methods		-	Identical under dual numbering
45	IS 17661 (Part 3) : 2022 ISO 18611-3:2014 ISO 18611-3:2014	Ships and marine technology Marine NOX Reduction Agent AUS 40 Part 3: Handling transportation and storage		-	Identical under dual numbering
46	IS 17789 : 2022	Gas oil - Specification		1	Indigenous
47	IS 17792 : 2022	Vacuum gas oil VGO - Specification		-	Indigenous
48	IS 17793 : 2022	Kerosene Intermediate - Specification		-	Indigenous
49	IS 17794 : 2022	Petroleum naphtha - Specification		-	Indigenous
50	IS 17821 : 2022	ETHANOL AS A FUEL FOR USE IN POSITIVE IGNITION ENGINE POWERED VEHICLES SPECIFICATION		-	Indigenous
51	IS 17943 : 2022	E20 Reference Fuel Admixture of Anhydrous Ethanol and Motor Gasoline Specification		-	Indigenous
52	IS 18247 : 2023 ISO 23306:2020 ISO 23306:2020	Liquefied natural gas as a fuel for marine applications - Specification		-	Identical under dual numbering
53	IS 18465 : 2023	Ethane for use as feedstock for petrochemical - Specification		-	Indigenous
54	IS/ISO/PAS 22263 : 2019 ISO/PAS 23263 : 2019  Reaffirmed but not taken up for revision ISO/PAS 23263	Petroleum Products â€” Fuels ( class F ) â€” Considerations for Fuel Suppliers and Users Regarding Marine Fuel Quality in View of the Implementation of Maximum 0.50% Sulfur in 2020		-	Identical under dual numbering
55	IS 2796 : 2017  Reviewed In : 2024	Motor gasoline - Specification (Sixth Revision)	April, 2024	4	Indigenous

56	IS 3470 : 2017	Hexane, food grade - Specification (Second Revision)	-	2	Indigenous
57	IS 4576 : 2021 ISO 9162	Liquefied Petroleum Gases- Specification		-	Not Equivalent
58	IS 4639 (Part 1) : 2000 ISO 1998-1 Reviewed In : 2020 ISO 1998-1	Petroleum industry - Terminology: Part 1 raw materials and products (First Revision)	October, 2020	-	Identical under dual numbering
59	IS 4639 (Part 2) : 2000 ISO 1998-2 Reviewed In : 2020 ISO 1998-2	Petroleum industry - Terminology: Part 2 properties and tests (First Revision)	October, 2020	-	Identical under dual numbering
60	IS 4639 (Part 3) : 2000 ISO 1998-3 Reviewed In : 2020 ISO 1998-3	Petroleum industry - Terminology: Part 3 exploration and production (First Revision)	October, 2020	-	Identical under dual numbering
61	IS 4639 (Part 4) : 2000 ISO 1998-4 Reviewed In : 2020 ISO 1998-4	Petroleum Industry - Terminology: Part 4 refining (First Revision)	October, 2020	-	Identical under dual numbering
62	IS 4639 (Part 5) : 2000 ISO 1998-5 Reviewed In : 2020 ISO 1998-5	Petroleum Industry - Terminology: Part 5 transport, storage, distribution (First Revision)	October, 2020	-	Identical under dual numbering
63	IS 4639 (Part 6) : 2002 ISO 1998-6 Reviewed In : 2020 ISO 1998-6	Petroleum industry - Terminology: Part 6 measurement (First Revision)	October, 2020	-	Identical under dual numbering
64	IS 4639 (Part 7) : 2000 ISO 1998-7 Reviewed In : 2020 ISO 1998-7	Petroleum industry - Terminology: Part 7 miscellaneous terms (First Revision)	October, 2020	-	Identical under dual numbering
65	IS 4639 (Part 99) : 2002 ISO 1998-99 Reviewed In : 2019 ISO 1998-99	Petroleum industry - Terminology: Part 99 general and index (First Revision)	April, 2019	-	Identical under dual numbering
66	IS 4654 : 2019  Reaffirmed but not taken up for revision	Paraffin Wax — Specification ( Third Revision )	-	-	Indigenous
67	IS 534 : 2021	Benzene - Specification (Fifth Revision)		-	Indigenous
68	IS 537 : 2011 Reviewed In : 2020	Toluene - Specification (Second Revision)	October, 2020	2	Indigenous
69	IS/ISO 8216-1 : 2010 ISO 8216-1 : 2010 Reviewed In : 2020	Petroleum products - Fuels (Class F) classification: Part 1 categories of marine fuels	October, 2020	-	Identical under dual numbering

	ISO 8216-1				
70	IS 8502 : 2018 Reviewed In : 2024	Petroleum coke - Specification (Second Revision)	April, 2024	1	Indigenous

### Standards under Development

#### Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Preliminary Draft Standards

SI. No.	Doc No.	Title
1	PCD 3 (17838)	Automotive fuels Paraffinic diesel fuel from synthesis or hydrotreatment Specification
2	PCD 3 (24729)	HEXANE INDUSTRIAL SOLVENT GRADE SPECIFICATION

#### Drafts Standards in WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	PCD 3 (22730)	FUEL OILS - SPECIFICATION
2	PCD 3 (23286)	Motor gasoline - Specification Sixth Revision Amendment - 5
3	PCD 3 (23723)	KEROSENE SPECIFICATION
4	PCD 3 (24410)	BENZENE - SPECIFICATION
5	PCD 3 (24988)	HIGH FLASH HIGH SPEED DIESEL SPECIFICATION
6	PCD 3 (25678)	Biogas Biomethane Specification

#### Finalized Draft Indian Standard

SI. No.	Doc No.	Title
1	PCD 3 (22875)	E 20 fuel - Admixture of anhydrous ethanol and gasoline - As fuel for spark ignited engine powered vehicles - Specification Amendment - 2
2	PCD 3 (24139) Revision of: IS 11489:1985	HEAVY PETROLEUM STOCK HPS SPECIFICATION

#### Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	PCD 3 (19658) Revision of: IS 1460:2017	Automotive Diesel Fuel - Specification seventh revision
2	PCD 3 (19709) Revision of: IS 537:2011	Toluene - Specification third revision
3	PCD 3 (23073)	20 PERCENT DIMETHYL ETHER DME BLENDED LIQUEFIED PETROLEUM GAS LPG SPECIFICATION

**Total Published Standards:66 Total Standards Under development:13**

### Aspect Wise Report

Product : 47  
Code of Practices : 3

Methods of Test : 2  
Terminology : 11  
Dimensions : 0  
System Standard : 0  
Safety Standard : 0  
Others : 4  
Service Specification : 0  
Process Specification : 0  
Unclassified : 0

### Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS 1002 : 1956	Multipurpose Grease No 1 No 2 and No 3
2	IS 10356 : 1982	Automotive internal combustion engine lubricating oils from base stocks of mixed crude
3	IS 11488 : 1985 Reviewed In : 2016	fuel oil for use in marine diesel engines
4	IS 1276 : 1958	Grease S No 2
5	IS 1277 : 1987	Gear Lubricant Regular
6	IS 15320 : 2003 ISO 15403 Reviewed In : 2014	Natural Gas - Designation of the Quality of Natural Gas for Use as a Compressed Fuel for Vehicles
7	IS 1585 : 1960	Motor gasoline 79 octane
8	IS 1588 : 1967	Aviation turbine fuels wide cut gasoline type
9	IS 1674 : 1960 Reviewed In : 1990	temporary corrosion preventive fluid soft film solvent deposited
10	IS 17042 (Part 1) : 2018 ISO 22241-1 : 2006	Diesel engines - Nox reduction agent aus 32 Part 1 quality requirements
11	IS 2660 : 1964 Reviewed In : 1990	Oil Cylinder Grade 4
12	IS 311 : 1951	Oil cylinder pure mineral ordinary
13	IS 312 : 1951	Oil cylinder compounded ordinary
14	IS 313 : 1951	Oil cylinder pure mineral super heat
15	IS 314 : 1951	Oil cylinder compounded super heat
16	IS 315 : 1951	Oil cylinder pure mineral filtered
17	IS 316 : 1951	Oil cylinder compounded filtered
18	IS 317 : 1970	Automotive hydraulic brake fluid moderate duty
19	IS 3433 : 1965	Oil Mineral Colza
20	IS 409 : 1952	Grease S No 3
21	IS 4639 : 1968 Reviewed In : 2011	Glossary Of Petroleum Terms
22	IS 4654 : 1993 Reviewed In : 2011 ISO 105	Paraffin Wax

	X04:1994	
23	IS 496 : 1982	Automotive internal combustion engine lubricating oils
24	IS 509 : 1953	Grease L No 4
25	IS 6048 : 1970 Reviewed In : 1987	temporary corrosion preventive soft film hot dipping type
26	IS 7029 : 1973 Reviewed In : 1990	Fode of practice for inhibition of internal combustion engine coolant water
27	IS 721 : 1955	Grease S soft loco
28	IS 7574 : 1975	Emergency specification for kerosine alternative to IS 1459 1974
29	IS 7575 : 1975	Emergency specification for diesel fuels alternative to IS 1460 1974
30	IS 7667 : 1975 Reviewed In : 2016	Code of Practice for Handling and Storage of Aviation Fuels at Airfield Fuelling Stations
31	IS 9048 : 1982	re-refined automotive internal combustion engine lubricating oils

### Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 11489 : 1985 Reviewed In : 2020	Specification for heavy petroleum stock Hps
2	IS 13833 : 2019  Reviewed In : 2024 Decision taken to Reaffirm and Archive	Microcrystalline Wax Derived From Petroleum Specification First Revision
3	IS 1459 : 2018  Reviewed In : 2023	Kerosene - Specification Fourth Revision
4	IS 1460 : 2017  Reviewed In : 2024	Automotive diesel fuel - Specification Sixth Revision
5	IS 14861 : 2000 Reviewed In : 2020	Liquefied petroleum gases Lpg for automotive purposes - Specification
6	IS 15217 : 2002 Reviewed In : 2019	Fuel oil for diesel generating sets - Specification
7	IS 15464 : 2022 ISO 11711-1:2019	ANHYDROUS ETHANOL FOR USE AS BLENDING COMPONENT IN MOTOR GASOLINE SPECIFICATION First Revision
8	IS 15607 : 2022	Biodiesel B-100 - Fatty Acid Methyl Esters FAME Specification Second Revision
9	IS 1571 : 2018  Reviewed In : 2023 DEF STAN 91-091 (Iss	Aviation turbine fuels kerosine type jet - A - 1 - Specification Tenth Revision
10	IS 15770 : 2008 Reviewed In : 2019	Light diesel oil - Specification
11	IS 15770 : 2021 ISO 8100-1:2019	Heating Oil LDO - Specification
12	IS 1587 : 2017  DEF STAN 91-86	Aviation turbine fuel high flash point type - Specification Fourth Revision
13	IS 1593 : 2018  Reviewed In : 2023	Fuel oils - Specification Third Revision
14	IS 15958 : 2023	Compressed Natural Gas CNG and Liquefied Natural Gas LNG for Automotive Purposes



		Specification First Revision
15	IS 1604 : 2022 60086-5 : 2021	Aviation gasoline - Specification fifth revision
16	IS 16061 : 2021 ISO 14687:2019 ISO/IEC 20543:2019	HYDROGEN FUEL QUALITY PRODUCT SPECIFICATION
17	IS 16087 : 2016  Reviewed In : 2020	Biogas Biomethane - Specification First Revision
18	IS 16531 : 2022 ISO 14405-3:2016	Biodiesel Diesel Fuel Blend B8 to B20 Specification First Revision of IS 16531
19	IS 16629 : 2017	Hydrous ethanol for use in ed 95 automotive fuel - Specification
20	IS 16634 : 2023	E85 FUEL ADMIXTURE OF ANHYDROUS ETHANOL AND MOTOR GASOLINE FOR FLEX FUEL POSITIVE IGNITION ENGINE POWERED VEHICLES SPECIFICATION
21	IS 16704 : 2018 ISO 16861 : 2015 Reviewed In : 2023 Reaffirmed but not taken up for revision ISO 16861	Petroleum products - Fuels Class F - Specifications of dimethyl ether Dme
22	IS 16731 : 2019 ISO 8217 : 2017 Reviewed In : 2024 8217 : 2017	Petroleum products - Fuels Class F - Specifications of marine fuels
23	IS 16861 : 2018  Reviewed In : 2024 ISO 8217	High flash high speed diesel fuel - Specification
24	IS 17021 : 2018  Reviewed In : 2023	E 20 fuel - Admixture of anhydrous ethanol and gasoline - As fuel for spark ignited engine powered vehicles - Specification
25	IS 17049 : 2018  Reviewed In : 2023 Reaffirmed but not taken up for revision	Petroleum coke for anode making in aluminium industry - Specification
26	IS 17075 : 2019	Anhydrous methanol for use as a blending component in fuels - Specification
27	IS 17076 : 2019	M15 fuel - Admixture of anhydrous methanol and motor gasoline as fuel for spark ignited engines - Specification
28	IS 17081 : 2019  Reviewed In : 2024	Aviation turbine fuel Kerosene Type Jet A - 1 containing synthesized hydrocarbons - Specification
29	IS 17314 : 2019	Hydrogen Enriched Compressed Natural Gas HCNG for Automotive Purposes Specification
30	IS 1745 : 2018  Reviewed In : 2023 Reaffirmed but not taken up for revision	Petroleum hydrocarbon solvents - Specification Third Revision
31	IS 17586 : 2021	E12 and E15 Fuel - Admixture of Anhydrous Ethanol and Motor Gasoline - For Positive Ignition Engine Powered Vehicles - Specification
32	IS 17661 (Part 1) : 2022 ISO 18611-1:2014	Ships and marine technology Marine NOX Reduction Agent AUS 40 Part 1 Quality Requirements

33	IS 17789 : 2022 ISO 23632: 2021	Gas oil - Specification
34	IS 17792 : 2022 ISO 4126-3: 2020	Vacuum gas oil VGO - Specification
35	IS 17793 : 2022 CXC 78-2017	Kerosene Intermediate - Specification
36	IS 17794 : 2022	Petroleum naphtha - Specification
37	IS 17821 : 2022 ISO 5797:2004	ETHANOL AS A FUEL FOR USE IN POSITIVE IGNITION ENGINE POWERED VEHICLES SPECIFICATION
38	IS 17943 : 2022	E20 Reference Fuel Admixture of Anhydrous Ethanol and Motor Gasoline Specification
39	IS 18247 : 2023 ISO 23306:2020	Liquefied natural gas as a fuel for marine applications - Specification
40	IS 18465 : 2023	Ethane for use as feedstock for petrochemical - Specification
41	IS/ISO/PAS 22263 : 2019 ISO/PAS 23263 : 2019  Reaffirmed but not taken up for revision ISO/PAS 23263	Petroleum Products Fuels class F Considerations for Fuel Suppliers and Users Regarding Marine Fuel Quality in View of the Implementation of Maximum 0.50 Sulfur in 2020
42	IS 2796 : 2017  Reviewed In : 2024	Motor gasoline - Specification Sixth Revision
43	IS 3470 : 2017	Hexane food grade - Specification Second Revision
44	IS 4576 : 2021	Liquefied Petroleum Gases-Specification
45	IS 534 : 2021	Benzene - Specification Fifth Revision
46	IS 537 : 2011 Reviewed In : 2020	Toluene - Specification Second Revision
47	IS 8502 : 2018  Reviewed In : 2024	Petroleum coke - Specification Second Revision