#### **BUREAU OF INDIAN STANDARDS**

#### **Program of Work**

#### **CHD 6: Industrial Gases**

Scope: a) To formulate Indian Standards for terminology; methods of sampling and test; codes of

practice and specifications for industrial gases including high purity speciality gases and gas

mixtures other than LPG. b) To liaise with i) ISO/TC 158 Aanlysis of gases

Liaison: ISO TC-158 (O): Analysis of gases

## **Published Standards**

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 1090:2002	Compressed Hydrogen -	December, 2023	1	Indigenous
	Reviewed In: 2023	Specification (Third Revision)			
2	IS 13490:2024	HANDLING OF SPECIALITY		-	Indigenous
		GASES � CODE OF			
		PRACTICE (First Revision)			
3	IS 15578:2005	Code of Practice for Handling and	February, 2021	-	Indigenous
	Reviewed In: 2021	Usage of Gas Mixtures			
4	IS 15583:2005	Compressed Helium Gas -	February, 2021	1	Indigenous
	Reviewed In: 2021	Specification			
5	IS 16142:2019	Gas Analysis - Handling of	March, 2024	-	Identical under dual
	ISO 16664 : 2017	Calibration Gases and Gas			numbering
	Reviewed In: 2024	Mixtures - Guidelines (First			
	ISO 16664:2017	Revision)			
6	IS 16247:2019	Gas Analysis - Contents of	March, 2024	1	Identical under dual
	ISO 6141 : 2015	Certificates for Calibration Gas			numbering
	Reviewed In: 2024	Mixtures (First Revision)			
	ISO 6141:2015				
7	IS 16248:2014	Gas Analysis - Preparation of	June, 2020	-	Identical under dual
	ISO 6144 : 2003	Calibration Gas Mixtures - Static			numbering
	Reviewed In: 2020	Volumetric Method			
	ISO 6144 : 2003				
8	IS 16249 (Part	Gas Analysis Preparation of		-	Identical under dual
	1):2021	Calibration Gas Mixtures Using			numbering
	ISO 6145 (part 1):20	Dynamic Methods Part 1 General			
	ISO 6145 (part	Aspects			
	1):20				
9	IS 16249 (Part	Gas Analysis - Preparation of	March, 2024	-	Identical under dual
	2):2019	Calibration Gas Mixtures Using			numbering
	ISO 6145-2 : 2019	Dynamic Methods: Part 2 Piston			
	Reviewed In: 2024	Pumps (First Revision)			
	ISO 6145-2:2014				
10	IS 16249 (Part	Gas Analysis - Preparation of	June, 2020	-	Identical under dual
	4):2015	Calibration Gas Mixtures Using			numbering
	ISO 6145-4 : 2004	Dynamic Volumetric Methods:			
	Reviewed In: 2020	Part 4 Continuous Syringe			
	ISO 6145-4 : 2004	Injection Method			
11	IS 16249 (Part	Gas Analysis - Preparation of	June, 2020	-	Identical under dual

ı	L 5) 2015	L Callback on Cas Markons Halas L		1	
	5):2015 ISO 6145-5 : 2009	Calibration Gas Mixtures Using Dynamic Volumetric Methods:			numbering
	Reviewed In : 2020	Part 5 Capillary Calibration			
	ISO 6145-5 : 2009	Devices			
12	IS 16249 (Part	Gas Analysis - Preparation of	March, 2024	-	Identical under dual
	6):2019	Calibration Gas Mixtures Using	,		numbering
	ISO 6145-6 : 2017	Dynamic Methods: Part 6 Critical			C
	Reviewed In: 2024	Flow Orifices (First Revision)			
	ISO 6145-6:2017				
13	IS 16249 (Part	Gas Analysis - Preparation of	September, 2024	-	Identical under dual
	7):2020	Calibration Gas Mixtures Using			numbering
	ISO 6145-7 : 2018	Dynamic Methods Part 7 Thermal			
	Reviewed In : 2024	Mass-Flow Controllers (First			
1.4	ISO 6145 (part 7):20	•	I 2020		T.1
14	IS 16249 (Part 8):2015	Gas Analysis - Preparation of	June, 2020	-	Identical under dual
	ISO 6145-8 : 2005	Calibration Gas Mixtures Using Dynamic Volumetric Methods:			numbering
	Reviewed In : 2020	Part 8 Diffusion Method			
	ISO 6145-8 : 2005	Tart o Birrasion Method			
15	IS 16249 (Part	Gas Analysis - Preparation of	June, 2020	-	Identical under dual
	9):2015	Calibration Gas Mixtures Using	,		numbering
	ISO 6145-9 : 2009	Dynamic Volumetric Methods:			C
	Reviewed In: 2020	Part 9 Saturation Method			
	ISO 6145-9 : 2009				
16	IS 16249 (Part	Gas Analysis - Preparation of	June, 2020	-	Identical under dual
	10):2015	Calibration Gas Mixtures Using			numbering
	ISO 6145-10 : 2002	Dynamic Volumetric Methods:			
	Reviewed In : 2020	Part 10 Permeation Method			
17	ISO 6145-10 : 2002		I 2020		Identical under dual
17	IS 16249 (Part 11):2015	Gas Analysis - Preparation of Calibration Gas Mixtures Using	June, 2020	-	numbering
	ISO 6145-11 : 2005	Dynamic Volumetric Methods:			numbering
	Reviewed In : 2020	Part 11 Electrochemical			
	ISO 6145-11 : 2005	Generation			
18	IS 16250:2015	Gas Analysis Investigation and	June, 2020	-	Identical under dual
	ISO 15796 : 2005	Treatment of Analytical Bias			numbering
	Reviewed In: 2020				
	ISO 15796 : 2005				
19	IS 16252:2014	Gas Analysis - Conversion of Gas	June, 2020	-	Identical under dual
	ISO 14912 : 2003	Mixture Composition Data			numbering
	Reviewed In: 2020				
20	ISO 14912 : 2003 IS 16253:2016	Hydrogen Detection Apparatus -	November, 2021		Identical under dual
20	ISO 26142 : 2010	Stationary Applications	MOVEHHUEL, 2021	_	numbering
	Reviewed In : 2021	Stationary Applications			numbering
	ISO 26142 : 2010				
21	IS 16260:2019	Gas Analysis Preparation of	March, 2024	1	Identical under dual
	ISO 6142-1 : 2015	Calibration Gas Mixtures			numbering
	Reviewed In: 2024	Gravimetric Method for Class 1			
	ISO 6142-1:2015	Mixtures (First Revision)			
22	IS 16264:2014	Gas Analysis - Comparison	June, 2020	-	Identical under dual
	ISO 6143 : 2001	Methods for Determining and			numbering
	Reviewed In: 2020	Checking the Composition of			
	ISO 6143 : 2001	Calibration Gas Mixtures	16 1 2022		*1
23	IS 16509:2020	Hydrogen Generators Using Water	March, 2025	-	Identical under dual
	ISO 22734 : 2019 Reviewed In : 2025	Electrolysis - Industrial, Commercial and Residential			numbering
	ISO 22734:2019	Applications (First Revision)			
24	IS 16512 (Part	Hydrogen Generators Using Fuel	October, 2021	_	Identical under dual
l - '				1	

Sol   16   10   12   200	l	1):2016	Processing Technologies: Part 1		I	numbering
Reviewed In 2021   S0 1614   2007   Dasic Considerations for the Safety   S10 f749-2018   S1 16749-2018   S1 16749-2018   S1 16749-2018   Serviewed In 2024   S0/TR 15916-2015   S1 16747-2023   Liquid Specification Second Revision   Liquid Specification Second Revision   Liquid Specification Second Revision   S1 309-2023   Liquid Specification Second Revision   S1 309-2023   Liquid Specification   S1 309-2024   Liquid Specification   S1 309-2023   Liquid Specification   S1 309-2023   S1 308-2024   S1 307-2024   Dissolved Acceptene (Gas) & S1 309-2023   S1 308-2024   S1 309-2023   S1		/				numbering
IS 016110-1; 2007   Service of Hydrogen Systems   Service of Hyd						
25   18   16749-2018   18   2015						
SO/TR 15916:   2015	25		Basic Considerations for the Safety	March, 2024	-	Identical under dual
Reviewed In : 2024   IS 1747:2023   Nitrogen Compressed Gas and Liquid-Specification Second Revision   Indigenous   Is 2432:2024   LiQUID SUPHUR DIOXIDE     Is 2432:2024   Is 2507:2024   Compressed Gas and Liquid-Specification (Third Revision)   Indigenous   Is 307:2024   Compressed Gas and Liquid-Specification (Third Revision)   Is 309:2023   Oxygen Compressed Gas and Liquid-Specification (Fourth Revision)   Is 309:2023   Oxygen Compressed Gas and Liquid-Specification (Firth Revision)   REFRIGERANTS - Specification (Fourth Revision)   Indigenous   Is 5760:1998   Argon, Compressed and Liquid-Specification (Firth Revision)   Indigenous   Is 309:2025   Oxygen Compressed Gas and Liquid-Specification (Firth Revision)   Indigenous   Is 309:2025   Oxygen Compressed Gas and Liquid-Specification (Firth Revision)   Indigenous   Is 309:2025   Oxygen Compressed Gas and Liquid-Specification (Second Revision)   Indigenous   Is 309:2025   Oxygen Compressed Air Pert Is 309:309:309:309:309:309:309:309:309:309:						numbering
ISO/TR 15916/2015		2015				
26		Reviewed In: 2024				
Liquid-Specification Second Revision		ISO/TR 15916:2015				
Revision	26	IS 1747:2023			-	Indigenous
27						
The color of the						
Revision   Sis 307:2024   Carbon Dioxide 1g/3/Specification (Third Revision)   Sis 308:2024   Dissolved Acetylene (Gas) & Compressed Gas and Liquid-Specification (Fifth Revision)   Liquid-Specification (Fifth Revision)   Sis 309:2023   Oxygen Compressed Gas and Liquid-Specification (Fifth Revision)   Sis 5610:2025   Reviewed In 2021   Specification (Chird Revision)   Specification (Third Revision)   Specification (Chird Revision)   Specification (Chird Revision)   Specification (Second Revision)   Specificati	27	IS 2432:2024	_		-	Indigenous
28						
Clinic Revision   Compressed Air Part 1   Contaminants and Purity Classes (First Revision)   Compressed Air Contaminant   Contaminant Revision   Compressed Air Contaminant   Contaminant Revision   Content (First Revision)   Compressed Air Contaminant   Content (First Revision)   Compressed Air Contaminant   Content (First Revision)   Compressed Air Part 3 Test   Methods for Measurement of Humidity   Sio 8573-3: 2007   Compressed Air Part 3 Test   Methods for Measurement of Humidity   Sio 8573-4:2019   Compressed Air Part 3 Test   Methods for Measurement of Humidity   Sio 8573-4:2019   Compressed Air Part 3 Test   Methods for Measurement of Humidity   Sio 8573-4:2019   Compressed Air Part 5 Test   Methods for Oil Vapour And Organic Solvent Content   Compressed Air Part 5 Test   Methods for Oil Vapour And Organic Solvent Content   Sio 8573-5:2001   Compressed Air: Part 5 Test   June, 2020   Identical under dual numbering   Compressed Air: Part 5 Test   June, 2020   Identical under dual numbering   Compressed Air: Part 5 Test   June, 2020   Identical under dual numbering   Compressed Air: Part 5 Test   June, 2020   Identical under single   Nisto 8573-5:2001   Compressed Air: Part 5 Test   June, 2020   Identical under dual numbering   Compressed Air: Part 5 Test   June, 2020   Identical under dual numbering   Compressed Air:	20	YG 205 2024	/			
1	28	IS 307:2024			-	Indigenous
Specification (Fourth Revision)	20	10.200.2024	` ′			Y 1:
18   309:2023   Oxygen Compressed Gas and Liquid-Specification (Fifth Revision)	29	15 308:2024	• • • • • • • • • • • • • • • • • • • •		-	Indigenous
Liquid-Specification (Fifth Revision)	30	IS 200-2022				Indiganous
Revision   SPECIFICATION (Third Revision   SPECIFICATION (Th	] 30	13 307.2023			_	murgenous
31   IS 5610:2025   REFRIGERANTS   SPECIFICATION (Third Revision )						
SPECIFICATION (Third Revision   SPECIFICATION (SPECIFICATION (SPECI	31	IS 5610·2025			_	Indigenous
32   IS 5760:1998   Argon, Compressed and Liquid-Specification (Second Revision)   Specification (Second R						margenous
Reviewed In : 2021   Specification (Second Revision)   Cl. & GAS INDUSTRY - GLOSSARY OF TERMS (First Revision)   GLOSSARY OF TERMS (First Revision)   Cl. & GAS INDUSTRY - GLOSSARY OF TERMS (First Revision)   Cl. & GAS INDUSTRY - GLOSSARY OF TERMS (First Revision)   Cl. & GAS INDUSTRY - GLOSSARY OF TERMS (First Revision)   Cl. & Gas industrial Cl. & Gas industria			)			
Reviewed In : 2021   Specification (Second Revision)   Cl. & GAS INDUSTRY - GLOSSARY OF TERMS (First Revision)   GLOSSARY OF TERMS (First Revision)   Cl. & GAS INDUSTRY - GLOSSARY OF TERMS (First Revision)   Cl. & GAS INDUSTRY - GLOSSARY OF TERMS (First Revision)   Cl. & GAS INDUSTRY - GLOSSARY OF TERMS (First Revision)   Cl. & Gas industrial Cl. & Gas industria	32	IS 5760:1998	Argon, Compressed and Liquid -	February, 2021	1	Indigenous
33   IS 7062:2024   OIL & GAS INDUSTRY - GLOSSARY OF TERMS (First Revision)		Reviewed In: 2021		<b>3</b> /		
Revision   Revision   Second	33				-	Indigenous
18			GLOSSARY OF TERMS (First			
Sizis   Sizi			Revision)			
15/15O 8573-1:2010   Compressed Air: Part 1   Contaminants and Purity Classes Reviewed In : 2002   (First Revision)   September, 2024   Size 8573-1:2010   Compressed Air - Contaminant IsO 8573-2:2018   Compressed Air - Contaminant Measurement Part 2 Oil Aerosol Content (First Revision)   September, 2024   Identical under dual numbering   Compressed Air - Contaminant Measurement Part 2 Oil Aerosol Content (First Revision)   September, 2024   Identical under dual numbering   Identical under single   Identical under single numbering   Identical under single   Identical u	34	IS 7278:2024	Methyl chloride - Specification		-	Indigenous
1SO 8573-1 : 2010   Reviewed In : 2022   1SO 8573-2: 2018   SIS/ISO 8573-2 : 2018   Content (First Revision)   September, 2024   - Identical under dual numbering			,			
Reviewed In : 2022   (First Revision)     So 8573-1 : 2010     SO 8573-2:2018   Compressed Air - Contaminant   ISO 8573-2:2007   Reviewed In : 2024   ISO 8573-2:2018   Content (First Revision)   Content (First Revision)   September, 2024   - Identical under dual numbering   numbering   ISO 8573-2:2018     So 8573-3:1999   Compressed Air: Part 3 Test   Methods for Measurement of Humidity   SO 8573-3:1999   Reviewed In : 2020   Humidity   SO 8573-3:1999   So 8573-4:2019   Reviewed In : 2020   Compressed Air Contaminant   March, 2024   ISO 8573-4:2019   Reviewed In : 2024   ISO 8573-4:2019   Compressed Air: Part 5 Test   June, 2020   - Identical under single numbering	35		1	March, 2022	-	
ISO 8573-1: 2010   Compressed Air - Contaminant ISO 8573-2: 2018   Compressed Air - Contaminant ISO 8573-2: 2018   Compressed Air - Contaminant ISO 8573-2: 2018   Content (First Revision)   Content (First Revision)   So 8573-3: 1999   ISO 8573-3: 1999   Reviewed In : 2020   ISO 8573-3: 1999   ISO 8573-3: 1999   ISO 8573-3: 1999   ISO 8573-4:2019   ISO 8573-4:2019   Reviewed In : 2024   ISO 8573-4:2019   Reviewed In : 2024   ISO 8573-4:2019   Reviewed In : 2024   ISO 8573-5: 2001   Reviewed In : 2020   ISO 8573-6: 2003   Reviewed In : 2020   ISO 8573-7: 2003   Methods for Gaseous Contaminant Content   Content   ISO 8573-7: 2003   Compressed Air: Part 7 Test   June, 2020   Identical under single   numbering   Reviewed In : 2020   ISO 8573-7: 2003   Method for Viable Microbiological   Reviewed In : 2020   Iso 8573-7: 2003   Reviewed In : 2020   Iso 8573-7: 2003   Method for Viable Microbiological   Reviewed In : 2020   Iso 8573-7: 2003   Reviewed In : 2			•			numbering
SI/ISO 8573-2:2018   ISO 8573-2:2018   ISO 8573-2:2007   Reviewed In : 2024   ISO 8573-3:1999   ISO 8573-4:2019   ISO 8573-4:2019   Reviewed In : 2024   ISO 8573-4:2019   ISO 8573-4:2019   ISO 8573-4:2019   Reviewed In : 2024   ISO 8573-4:2019   ISO 8573-4:2019   ISO 8573-4:2019   ISO 8573-4:2019   ISO 8573-5:2001   ISO 8573-5:2001   Reviewed In : 2020   ISO 8573-5:2001   Reviewed In : 2020   ISO 8573-5:2001   Reviewed In : 2020   ISO 8573-6:2003   Reviewed In : 2020   ISO 8573-7:2003   Reviewed In : 2020   ISO 8573-7:2003   Compressed Air: Part 6 Test   Methods for Gaseous Contaminant   Content   Content			(First Revision)			
ISO 8573-2 : 2007   Reviewed In : 2024   ISO 8573-2 : 2018	26			0 1 2024		
Reviewed In : 2024   Content (First Revision)   S73-2 : 2018   Compressed Air: Part 3 Test   June, 2020   - Identical under single   numbering	36		<u> </u>	September, 2024	-	
ISO 8573-2 : 2018						numbering
IS/ISO 8573-3:1999   Compressed Air: Part 3 Test   Methods for Measurement of Humidity   So 8573-3:1999   Tisology			Content (First Revision)			
ISO 8573-3 : 1999   Methods for Measurement of Reviewed In : 2020   ISO 8573-4:2019   Reviewed In : 2024   ISO 8573-4:2019   Reviewed In : 2024   ISO 8573-4:2019   Reviewed In : 2024   ISO 8573-4:2019   SIS/ISO 8573-5:2001   ISO 8573-5:2001   Reviewed In : 2020   ISO 8573-5:2001   Reviewed In : 2020   ISO 8573-5:2001   ISO 8573-5:2001   Reviewed In : 2020   ISO 8573-6:2003   IS/ISO 8573-6:2003   Reviewed In : 2020   ISO 8573-7:2003   Reviewed In : 2020   ISO 8573-7:2003   ISO 8573-7:2003	37		Compressed Air: Part 2 Test	June 2020		Identical under single
Reviewed In : 2020   Humidity	31		1	Julie, 2020	-	
ISO 8573-3 : 1999   Compressed Air Contaminant   March, 2024   - Identical under single   numbering						numbering
Solution   Solution			-101111010			
ISO 8573-4:2019 Reviewed In : 2024 ISO 8573-4:2019  39 IS/ISO 8573-5:2001 Reviewed In : 2020 ISO 8573-5: 2001 Reviewed In : 2020 ISO 8573-5: 2001  40 IS/ISO 8573-6: 2003 Reviewed In : 2020 ISO 8573-7: 2003 Reviewed In : 2020 ISO 8573-7: 2003 Methods for Gaseous Contaminant Content  41 IS/ISO 8573-7: 2003 Reviewed In : 2020 ISO 8573-7: 2003 Method for Viable Microbiological Method for Viable Microbiological	38		Compressed Air Contaminant	March, 2024	-	Identical under single
Reviewed In : 2024   Content     SO 8573-4:2019     S/ISO 8573-5:2001   Compressed Air: Part 5 Test   June, 2020   - Identical under single   numbering   So 8573-5: 2001   Methods for Oil Vapour And   Organic Solvent Content   SO 8573-6: 2003   Compressed Air: Part 6 Test   June, 2020   - Identical under dual   numbering   numbering   Nethods for Gaseous Contaminant   numbering   S73-6: 2003   Content   S/ISO 8573-6: 2003   Content   S/ISO 8573-7: 2003   Compressed Air: Part 7 Test   June, 2020   - Identical under single   numbering   Nethod for Viable Microbiological   Nethod for Viable Microbiol			-	, -		
ISO 8573-4:2019   S/ISO 8573-5:2001   Compressed Air: Part 5 Test   June, 2020   - Identical under single   numbering						
ISO 8573-5 : 2001   Methods for Oil Vapour And   Reviewed In : 2020   ISO 8573-5 : 2001   Organic Solvent Content   SO 8573-6 : 2003   Compressed Air: Part 6 Test   June, 2020   ISO 8573-6 : 2003   Methods for Gaseous Contaminant   Reviewed In : 2020   Content   Content   SO 8573-6 : 2003   Compressed Air: Part 7 Test   June, 2020   ISO 8573-7 : 2003   Compressed Air: Part 7 Test   June, 2020   Identical under single   ISO 8573-7 : 2003   Method for Viable Microbiological   Method for Viable Microbiological   Method for Viable Microbiological   Method for Viable Microbiological   Iso 8573-7 : 2003   Method for Viable Microbiological   Method for Viable Microbiological		ISO 8573-4:2019				
Reviewed In : 2020   Organic Solvent Content	39	IS/ISO 8573-5:2001	Compressed Air: Part 5 Test	June, 2020	-	Identical under single
ISO 8573-5: 2001			-			numbering
40 IS/ISO 8573-6:2003 Compressed Air: Part 6 Test ISO 8573-6: 2003 Methods for Gaseous Contaminant Content ISO 8573-6: 2003 Compressed Air: Part 7 Test ISO 8573-7: 2003 Compressed Air: Part 7 Test ISO 8573-7: 2003 Method for Viable Microbiological Method for Viable Microbiological Method for Viable Microbiological			Organic Solvent Content			
ISO 8573-6 : 2003 Reviewed In : 2020 Content  ISO 8573-6 : 2003  41 IS/ISO 8573-7 : 2003 Compressed Air: Part 7 Test June, 2020 ISO 8573-7 : 2003 Method for Viable Microbiological numbering						
Reviewed In : 2020   Content	40		_	June, 2020	-	
ISO 8573-6: 2003						numbering
41 IS/ISO 8573-7:2003 Compressed Air: Part 7 Test June, 2020 - Identical under single numbering			Content			
ISO 8573-7 : 2003 Method for Viable Microbiological numbering	4.			1 2020		T1 (1 1 1 1 1
	41		_	June, 2020	-	
Reviewed III: 2020   Contaminant Content						numbering
		Reviewed III: 2020	Comaminant Content			

	ISO 8573-7:2003				
42	IS/ISO 8573-8:2004	Compressed Air: Part 8 Test	June, 2020	=	Identical under dual
	ISO 8573-8 : 2004	Methods for Solid Particle Content			numbering
	Reviewed In: 2020	by Mass Concentration			
	ISO 8573-8: 2004				
43	IS/ISO 8573-9:2004	Compressed Air: Part 9 Test	June, 2020	=	Identical under single
	ISO 8573-9 : 2004	Methods for Liquid Water Content			numbering
	Reviewed In: 2020				
	ISO 8573-9:2004				

#### **Standards under Development**

	Projects Approved				
SI. No.	SI. No. Doc No. Title				
No Records Found					

	Preliminary Draft Standards					
SI. No.	SI. No. Doc No. Title					
No Records Found						

	Drafts Standards in WC Stage				
SI. No.	SI. No. Doc No. Title				
	No Records Found				

	Draft Standards Completed WC Stage				
SI. No.	Doc No.	Title			
1	CHD 6 (27637)	Efficiency Assessment of Anion Exchange Membrane Proton Exchange Membrane and Alkaline			
		Water Electrolysers			

	Finalized Draft Indian Standard				
SI. No.	SI. No. Doc No. Title				
No Records Found					

Finalized Draft Indian Standards under Print					
SI. No.	SI. No. Doc No. Title				
No Records Found					

#### Total Published Standards:43 Total Standards Under development:1

### **Aspect Wise Report**

Product: 12
Code of Practices: 2
Methods of Test: 10
Terminology: 1
Dimensions: 0
System Standard: 0
Safety Standard: 3

Others: 15 Service Specification: 0 Process Specification: 0

#### Unclassified: 0

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

SI. No.	IS No. & Year	Title
1	IS 14642 (Part 2):1999	Compressed air for general use Part 2 test methods for aerosol oil content
	Reviewed In: 2014 ISO	
	8573-2:1996	
2	IS 16061 (Part 2):2016	Hydrogen fuel - Product specification Part 2 proton exchange membrane PEM fuel cell
	ISO 14687-2:2012	applications for road vehicles
	ISO 14687-2 : 2012	
3	IS 16509 (Part 1):2016	Hydrogen generators using water electrolysis process Part 1 industrial and commercial applications
	ISO 22734-1:2008	
	ISO 22734-1 : 2008	
4	IS 3551:1965	Pure Nitrogen dry

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

SI. No.	IS No. & Year	Title
1	IS 1090:2002	Compressed Hydrogen - Specification Third Revision
	Reviewed In: 2023	
2	IS 15583:2005	Compressed Helium Gas - Specification
	Reviewed In: 2021	
3	IS 16253:2016	Hydrogen Detection Apparatus - Stationary Applications
	ISO 26142 : 2010	
	Reviewed In: 2021 ISO	
	26142 : 2010	
4	IS 16509:2020	Hydrogen Generators Using Water Electrolysis - Industrial Commercial and Residential
	ISO 22734 : 2019	Applications First Revision
	Reviewed In: 2025 ISO	
	22734:2019	
5	IS 1747:2023	Nitrogen Compressed Gas and Liquid-Specification Second Revision
	ISO 2969 : 2015	
6	IS 2432:2024	LIQUID SULPHUR DIOXIDE SPECIFICATION Second Revision
7	IS 307:2024	Carbon Dioxide Specification Third Revision
8	IS 308:2024	Dissolved Acetylene Gas Specification Fourth Revision
9	IS 309:2023	Oxygen Compressed Gas and Liquid-Specification Fifth Revision
10	IS 5610:2025	REFRIGERANTS - SPECIFICATION Third Revision
11	IS 5760:1998	Argon Compressed and Liquid - Specification Second Revision
	Reviewed In: 2021	
12	IS 7278:2024	Methyl chloride - Specification Second Revision