

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### TED 26 : Automotive Vehicles Running on Non Conventional Energy Sources

**Scope:** a) Standardization of Fuel System Components for Automotive Vehicles using New and Renewable Energy Sources such as Compressed Natural Gas (CNG), Liquefied Natural Gas (LNG), Liquefied Petroleum Gas (LPG), Bio-CNG (CBG), Bio-diesel/diesel blends, alcohol (Ethanol/Methanol)-petrol blends, Hydrogen, Hydrogen/Methane Blends, Fuel Cells, DME, DME-LPG Blends, Ammonia along with other synthetic fuels and their installation requirements. b) Co-ordination of work with ISO/ TC 22 ; ISO/TC 22/SC 41 & ISO/TC 197.

**Liaison:** **ISO TC-22 (P):** *Road vehicles* **ISO TC-22 SC-41 (P):** *Specific aspects for gaseous fuels* **ISO TC-197 (P):** *Hydrogen technologies*

### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS/ISO 12619-1 : 2014 ISO 12619-1 : 2014 ISO 12619-1 : 2014	Road Vehicles Compressed Gaseous Hydrogen CGH2 And Hydrogen Natural Gas Blend Fuel System Components Part 1: General Requirements And Definitions		-	Identical under dual numbering
2	IS/ISO/IEC 12619-2 : 2014 ISO 12619-2 : 2014 ISO 12619-2 : 2014	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLEND FUEL SYSTEM COMPONENTS PART 2: PERFORMANCE AND GENERAL TEST METHODS		-	Identical under dual numbering
3	IS/ISO 12619-3 : 2014 ISO 12619-3: 2014 ISO 12619-3: 2014	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLEND FUEL SYSTEM COMPONENTS PRESSURE REGULATOR		-	Identical under dual numbering
4	IS/ISO 12619-4 : 2016 ISO 12619-4: 2016 ISO 12619-4: 2016	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLENDS FUEL SYSTEM COMPONENTS CHECK VALVE		-	Identical under dual numbering
5	IS/ISO 12619-5 : 2016 ISO 12619-5: 2016 ISO 12619-5: 2016	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLENDS FUEL SYSTEM		-	Identical under dual numbering

		COMPONENTS PART 5: MANUAL CYLINDER VALVE			
6	IS/ISO 12619-6 : 2017 ISO 12619-6: 2017 ISO 12619-6: 2017	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLEND FUEL SYSTEM COMPONENTS AUTOMATIC VALVE		-	Identical under dual numbering
7	IS/ISO 12619-7 : 2017 ISO 12619-7: 2017 ISO 12619-7: 2017	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLEND FUEL SYSTEM COMPONENTS GAS INJECTOR		-	Identical under dual numbering
8	IS/ISO 12619-8 : 2017 ISO 12619-8: 2017 ISO 12619-8: 2017	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLEND FUEL SYSTEM COMPONENTS PRESSURE INDICATOR		-	Identical under dual numbering
9	IS/ISO 12619-9 : 2017 Adoption of ISO 1261 Adoption of ISO 1261	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLEND FUEL SYSTEM COMPONENTS PRESSURE RELIEF VALVE PRV		-	Identical under dual numbering
10	IS/ISO 12619-10 : 2017 ISO 12619-10: 2017 ISO 12619-10: 2017	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLEND FUEL SYSTEM COMPONENTS PRESSURE RELIEF DEVICE PRD		-	Identical under dual numbering
11	IS/ISO 12619-11 : 2017 ISO 12619-11 : 2017 ISO 12619-11 : 2017	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLEND FUEL SYSTEM COMPONENTS EXCESS FLOW VALVE		-	Identical under dual numbering
12	IS/ISO 12619-12 : 2017 ISO 12619-12 : 2017 ISO 12619-12 : 2017	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLEND FUEL SYSTEM COMPONENTS GAS-TIGHT HOUSING AND VENTILATION HOSES		-	Identical under dual numbering
13	IS/ISO 12619-13 : 2017 ISO 12619-13 : 2017 ISO 12619-13 : 2017	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLEND FUEL SYSTEM COMPONENTS RIGID FUEL LINE IN STAINLESS STEEL		-	Identical under dual numbering
14	IS/ISO 12619-14 :	ROAD VEHICLES		-	Identical under dual

	2017 ISO 12619-14: 2017 ISO 12619-14: 2017	COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLENDS FUEL SYSTEM COMPONENTS FLEXIBLE FUEL LINE			numbering
15	IS/ISO 12619-15 : 2017 ISO 12619-15: 2017 ISO 12619-15: 2017	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLENDS FUEL SYSTEM COMPONENTS FILTER		-	Identical under dual numbering
16	IS/ISO 12619-16 : 2017 ISO 12619-1 : 2014 ISO 12619-1 : 2014	Road Vehicles Compressed Gaseous Hydrogen CGH2 And Hydrogen Natural Gas Blend Fuel System Components Part 1: General Requirements And Definitions		-	Identical under dual numbering
17	IS 15710 : 2006 ISO 15500-1 Reviewed In : 2021 ISO 15500-1: 2000	Road vehicles - Compressed natural gas (CNG) fuel system components - General requirements and definitions	September, 2021	1	Modified/Technically Equivalent
18	IS 15711 : 2006 ISO 15500-2 Reviewed In : 2021 ISO 15500-2: 2001	Road vehicles - Compressed natural gas (CNG) fuel system components - Performance and general test methods	September, 2021	1	Modified/Technically Equivalent
19	IS 15712 : 2006 ISO 15500-6 Reviewed In : 2021 ISO 15500-6: 2001	Road vehicles - Compressed natural gas (CNG) fuel system components - Automatic valve (Solenoid Valve)	September, 2021	1	Modified/Technically Equivalent
20	IS 15713 : 2006 ISO 15500-9 Reviewed In : 2021 ISO 15500-9: 2001	Road vehicles - Compressed natural gas (CNG) fuel system components - Pressure regulator	September, 2021	1	Modified/Technically Equivalent
21	IS 15714 : 2006 ISO 15500-11 Reviewed In : 2021 ISO 15500-11: 2001	Road vehicles - Compressed natural gas (CNG) fuel system components - Gas/air mixer	September, 2021	1	Modified/Technically Equivalent
22	IS 15715 : 2008 Reviewed In : 2019	Road vehicles - Compressed natural gas (CNG) fuel system components - Conduit (Ventilation Hose)	December, 2019	1	Indigenous
23	IS 15716 : 2006 Reviewed In : 2021	Road vehicles - Compressed natural gas (CNG) fuel system components - Cng high pressure fuel line (Rigid) with end connections [having pressure exceeding 2.15 mpa (21.5 Bar)]	September, 2021	2	Indigenous
24	IS 15717 : 2006 Reviewed In : 2021	Road vehicles - Compressed natural gas (CNG) fuel system components - Petrol valve (Automatic/manual)	September, 2021	2	Indigenous
25	IS 15718 : 2006 Reviewed In : 2021	Road vehicles - Compressed natural gas (CNG) fuel system components - Cng high pressure fuel line (Flexible Hose) with end connections [having service pressure exceeding 2.15 mpa (21.5 Bar)]	September, 2021	-	Indigenous

26	IS 15719 : 2006 Reviewed In : 2021	Road vehicles - Compressed natural gas (CNG) fuel system components - Electrical wiring kit	September, 2021	1	Indigenous
27	IS 15720 : 2008 Reviewed In : 2019	Road vehicles - Compressed natural gas (CNG) fuel system components - Compartments/sub - Compartments	December, 2019	1	Indigenous
28	IS 15721 : 2006 Reviewed In : 2021	Road vehicles - Compressed natural gas (CNG) - Fire retardant material for seat,upholstery,roof and side lining	September, 2021	1	Indigenous
29	IS 15722 : 2006 Reviewed In : 2021	Road vehicles - Compressed natural gas (CNG) fuel system components - Cng low - Pressure flexible fuel line with end connections [cng fuel line having pressure not exceeding 2.15 mpa (21.5 Bar)]	September, 2021	1	Indigenous
30	IS 15723 : 2006 Reviewed In : 2021	Road vehicles - Compressed natural gas (CNG)Fuel system components - Current limiting devices	September, 2021	1	Indigenous
31	IS 15870 : 2009 Reviewed In : 2019	Road vehicles - Use of compressed natural gas (CNG) fuel system in internal combustion engine vehicles - Code of practice	December, 2019	-	Indigenous
32	IS 15956 : 2012 Reviewed In : 2017	Road vehicles - Liquefied petroleum gas (LPG) specific equipments - Definitions, classification and general requirements	September, 2017	-	Indigenous
33	IS 15957 : 2012 Reviewed In : 2017	Road vehicles - Liquefied petroleum gas (LPG) specific equipment - general design requirements, performance and test methods	September, 2017	-	Indigenous
34	IS 16009 : 2013 Reviewed In : 2018	Road vehicles - Liquefied petroleum gas (LPG) specific equipment - Shut off valve	August, 2018	-	Indigenous
35	IS 16053 : 2013 Reviewed In : 2018	Road vehicles - Liquefied petroleum gas (LPG) specific equipment - Pressure regulator and vapourizer	August, 2018	-	Indigenous
36	IS 16062 : 2013 Reviewed In : 2018	Road vehicles - Liquefied petroleum gas (LPG) specific equipment - Pressure and/or temperature sensor	August, 2018	-	Indigenous
37	IS 16063 : 2013 Reviewed In : 2018	Road vehicles - Liquefied petroleum gas (LPG) specific equipment - Lpg filter unit	August, 2018	-	Indigenous
38	IS 16064 : 2013 Reviewed In : 2018	Road vehicles - Liquefied petroleum gas (LPG) specific equipment - Gas mixing piece	August, 2018	-	Indigenous
39	IS 16065 : 2013 Reviewed In : 2018	Road vehicles - Liquefied petroleum gas (LPG) specific equipment - Fuel rail	August, 2018	-	Indigenous
40	IS 16367 : 2017	Road vehicles - Liquefied petroleum gas (LPG) specific equipment - Gas injector		-	Indigenous

41	IS/ISO 17268 : 2020 ISO 17268 : 2020 ISO 17268 : 2020	Gaseous Hydrogen Land Vehicle Refuelling Connection Devices		-	Identical under single numbering
42	IS 19026 (Part 1) : 2023 ISO 12614-1:2021 ISO 12614-1:2021	ROAD VEHICLES $i_c^{1/2}$ LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS - PART 1 : GENERAL REQUIREMENTS AND DEFINITIONS		-	Identical under dual numbering
43	IS 19026 (Part 2) : 2023 ISO 12614-2:2021 ISO 12614-2:2021	ROAD VEHICLES $i_c^{1/2}$ LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS $i_c^{1/2}$ PART 2: PERFORMANCE AND GENERAL TEST METHODS		-	Identical under dual numbering
44	IS 19026 (Part 3) : 2023 ISO 12614-3:2021 ISO 12614-3:2021	ROAD VEHICLES $i_c^{1/2}$ LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS $i_c^{1/2}$ PART 3: CHECK VALVE		-	Identical under dual numbering
45	IS 19026 (Part 4) : 2023 ISO 12614-4:2021 ISO 12614-4:2021	ROAD VEHICLES $i_c^{1/2}$ LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS $i_c^{1/2}$ PART 4: MANUAL VALVE		-	Identical under dual numbering
46	IS 19026 (Part 5) : 2023 ISO 12614-5:2021 ISO 12614-5:2021	ROAD VEHICLES $i_c^{1/2}$ LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS $i_c^{1/2}$ PART 5: TANK PRESSURE GAUGE		-	Identical under dual numbering
47	IS 19026 (Part 7) : 2023 ISO 12614-7:2021 ISO 12614-7:2021	ROAD VEHICLES $i_c^{1/2}$ LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS $i_c^{1/2}$ PART 7 : PRESSURE RELIEF VALVE (PRV)		-	Identical under dual numbering
48	IS 19026 (Part 8) : 2023 ISO 12614-8:2021 ISO 12614-8:2021	ROAD VEHICLES $i_c^{1/2}$ LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS $i_c^{1/2}$ PART 8: EXCESS FLOW VALVE		-	Identical under dual numbering
49	IS 19026 (Part 9) : 2023 ISO 12614-9:2021 ISO 12614-9:2021	ROAD VEHICLES $i_c^{1/2}$ LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS $i_c^{1/2}$ PART 9 GAS-TIGHT HOUSING AND VENTILATION HOSE		-	Identical under dual numbering
50	IS 19026 (Part 10) : 2023 ISO 12614-10:2021 ISO 12614-10:2021	ROAD VEHICLES $i_c^{1/2}$ LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS $i_c^{1/2}$ PART 10: RIGID FUEL LINE IN STAINLESS STEEL		-	Identical under dual numbering
51	IS 19026 (Part 11) : 2023 ISO 12614-11:2021 ISO 12614-11:2021	ROAD VEHICLES $i_c^{1/2}$ LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS $i_c^{1/2}$ PART 11 : FITTINGS		-	Identical under dual numbering
52	IS 19026 (Part 12) :	ROAD VEHICLES $i_c^{1/2}$		-	Identical under dual

	2023 ISO 12614-12:2021 ISO 12614-12:2021	LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS $i_c^{1/2}$ PART 12: RIGID FUEL LINE IN COPPER AND ITS ALLOYS			numbering
53	IS 19026 (Part 13) : 2023 ISO 12614-13:2021 ISO 12614-13:2021	ROAD VEHICLES $i_c^{1/2}$ LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS $i_c^{1/2}$ PART 13: TANK PRESSURE CONTROL REGULATOR		-	Identical under dual numbering
54	IS 19026 (Part 14) : 2023 ISO 12614-14:2021 ISO 12614-14:2021	ROAD VEHICLES $i_c^{1/2}$ LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS $i_c^{1/2}$ PART 14: DIFFERENTIAL PRESSURE FUEL CONTENT GAUGE		-	Identical under dual numbering
55	IS 19026 (Part 15) : 2023 ISO 12614-15:2021 ISO 12614-15:2021	ROAD VEHICLES $i_c^{1/2}$ LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS $i_c^{1/2}$ PART 15: CAPACITANCE FUEL CONTENT GAUGE		-	Identical under dual numbering
56	IS 19026 (Part 16) : 2023 ISO 12614-16:2021 ISO 12614-16:2021	ROAD VEHICLES $i_c^{1/2}$ LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS $i_c^{1/2}$ PART 16: HEAT EXCHANGER-VAPORIZER		-	Identical under dual numbering
57	IS 19026 (Part 17) : 2023 ISO 12614-17:2021 ISO 12614-17:2021	ROAD VEHICLES $i_c^{1/2}$ LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS $i_c^{1/2}$ PART 17: NATURAL GAS DETECTOR		-	Identical under dual numbering
58	IS 19026 (Part 18) : 2023 ISO 12614-18:2021 ISO 12614-18:2021	ROAD VEHICLES $i_c^{1/2}$ LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS $i_c^{1/2}$ PART 18: GAS TEMPERATURE SENSOR		-	Identical under dual numbering
59	IS 19026 (Part 19) : 2023 ISO 12614-19:2021 ISO 12614-19:2021	ROAD VEHICLES $i_c^{1/2}$ LIQUEFIED NATURAL GAS (LNG) FUEL SYSTEM COMPONENTS $i_c^{1/2}$ PART 19: AUTOMATIC VALVE		-	Identical under dual numbering
60	IS 19032 : 2023	ROAD VEHICLES-LIQUEFIED PETROLEUM GAS LPG SPECIFIC EQUIPMENT-LPG FLEXIBLE HOSE		-	Indigenous
61	IS 19035 : 2023 ISO 16964: 2019 ISO 16964: 2019	GAS CYLINDERS FLEXIBLE HOSES ASSEMBLIES SPECIFICATION AND TESTING		-	Identical under dual numbering
62	IS 19036 : 2023 ISO 23273: 2013 ISO 23273: 2013	Fuel cell road vehicles Safety specifications Protection against hydrogen hazards for vehicles fuelled with compressed hydrogen		-	Identical under dual numbering
63	IS/ISO 23828 : 2013 ISO 23828 : 2013 ISO 23828 : 2013	FUEL CELL ROAD VEHICLES - ENERGY CONSUMPTION MEASUREMENT - VEHICLES FUELLED WITH COMPRESSED		-	Identical under dual numbering



## Standards under Development

## Projects Approved

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

## Preliminary Draft Standards

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

## Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	TED 26 (26637)	Road vehicles Compressed gaseous hydrogen CGH2 and hydrogennatural gas blends fuel systems Part 1 Safety requirements
2	TED 26 (26638)	Road vehicles Compressed gaseous hydrogen CGH2 and hydrogennatural gas blends fuel systems Part 2 Test methods

## Draft Standards Completed WC Stage

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

## Finalized Draft Indian Standard

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

## Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	TED 26 (14995) Revision of: IS 15710:2006	ROAD VEHICLES COMPRESSED NATURAL GAS CNG BIO- COMPRESSED NATURAL GAS BIO- CNG FUEL SYSTEM COMPONENTS GENERAL REQUIREMENTS AND DEFINITIONS
2	TED 26 (15007) Revision of: IS 15711:2006	ROAD VEHICLES COMPRESSED NATURAL GAS CNG BIO - COMPRESSED NATURAL GAS BIO - CNG FUEL SYSTEM COMPONENTS PERFORMANCE AND GENERAL TEST METHODS First Revision
3	TED 26 (15008) Revision of: IS 15712:2006	ROAD VEHICLES COMPRESSED NATURAL GAS CNG BIO- COMPRESSED NATURAL GAS BIO- CNG FUEL SYSTEM COMPONENTS AUTOMATIC VALVE SOLENOID VALVE First Revision
4	TED 26 (15013) Revision of: IS 15715:2008	ROAD VEHICLES COMPRESSED NATURAL GAS CNG BIO- COMPRESSED NATURAL GAS BIO- CNG LIQUEFIED PETROLEUM GAS LPG FUEL SYSTEM COMPONENTS CNG BIO- CNG LPG CONDUIT VENTILATION HOSE PIPE First Revision
5	TED 26 (15014) Revision of: IS 15716:2006	ROAD VEHICLES COMPRESSED NATURAL GAS CNG BIO- COMPRESSED NATURAL GAS BIO- CNG FUEL SYSTEM COMPONENTS - HIGH PRESSURE FUEL LINE RIGID WITH END CONNECTIONS HAVING PRESSURE EXCEEDING 2 15 MPA 21 5 BAR
6	TED 26 (15015) Revision of: IS 15723:2006	ROAD VEHICLES COMPRESSED NATURAL GAS CNG BIO- COMPRESSED NATURAL GAS BIO- CNG AND LIQUEFIED PETROLEUM GAS LPG FUEL SYSTEM COMPONENTS CURRENT LIMITING DEVICES First Revision
7	TED 26 (18368) Revision of: IS 15713:2006	ROAD VEHICLES COMPRESSED NATURAL GAS CNG BIO- COMPRESSED NATURAL GAS BIO- CNG FUEL SYSTEM COMPONENTS PRESSURE REGULATOR First Revision
8	TED 26 (18373) Revision of: IS 15714:2006	ROAD VEHICLES COMPRESSED NATURAL GAS CNG BIO - COMPRESSED NATURAL GAS BIO- CNG FUEL SYSTEM COMPONENTS GAS AIR MIXER First Revision

9	TED 26 (18374) Revision of: IS 15717:2006	ROAD VEHICLES COMPRESSED NATURAL GAS CNG BIO- COMPRESSED NATURAL GAS BIO- CNG LIQUEFIED PETROLEUM GAS LPG FUEL SYSTEM COMPONENTS PETROL VALVE AUTOMATIC MANUAL First Revision
10	TED 26 (18375) Revision of: IS 15718:2006	ROAD VEHICLES COMPRESSED NATURAL GAS CNG BIO- COMPRESSED NATURAL GAS BIO- CNG FUEL SYSTEM COMPONENTS HIGH PRESSURE FUEL LINE FLEXIBLE HOSE WITH END CONNECTIONS HAVING SERVICE PRESSURE EXCEEDING 2 15MPa 21 5 BAR First Revision
11	TED 26 (18377) Revision of: IS 15719:2006	ROAD VEHICLES COMPRESSED NATURAL GAS CNG BIO- COMPRESSED NATURAL GAS BIO- CNG LIQUEFIED PETROLEUM GAS LPG FUEL SYSTEM COMPONENTS ELECTRICAL WIRING KIT First Revision
12	TED 26 (18378) Revision of: IS 15720:2008	ROAD VEHICLES COMPRESSED NATURAL GAS CNG BIO- COMPRESSED NATURAL GAS BIO- CNG LIQUEFIED PETROLEUM GAS LPG FUEL SYSTEM COMPONENTS CNG BIO- CNG LPG COMPARTMENT SUB- COMPARTMENT First Revision
13	TED 26 (18379) Revision of: IS 15721:2006	ROAD VEHICLES COMPRESSED NATURAL GAS CNG BIO- COMPRESSED NATURAL GAS BIO- CNG LIQUEFIED PETROLEUM GAS LPG FUEL SYSTEM COMPONENTS FIRE RETARDANT MATERIAL FOR SEAT UPHOLSTERY ROOF AND SIDE LINING First Revision
14	TED 26 (18380) Revision of: IS 15722:2006	ROAD VEHICLES COMPRESSED NATURAL GAS CNG BIO- COMPRESSED NATURAL GAS BIO - CNG FUEL SYSTEM COMPONENTS FLEXIBLE FUEL LINE WITH END CONNECTIONS CNG FUEL LINE HAVING PRESSURE NOT EXCEEDING 2 15MPa 21 5 BAR First Revision

**Total Published Standards:43 Total Standards Under development:16**

### Aspect Wise Report

Product : 50  
Code of Practices : 1  
Methods of Test : 5  
Terminology : 3  
Dimensions : 1  
System Standard : 0  
Safety Standard : 2  
Others : 1  
Service Specification : 0  
Process Specification : 0  
Unclassified : 0

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

SI. No.	IS No. & Year	Title
<i>No Records Found</i>		

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

SI. No.	IS No. & Year	Title
1	IS/ISO 12619-3 : 2014 ISO 12619-3: 2014 ISO 18134-2 : 2017	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLEND FUEL SYSTEM COMPONENTS PRESSURE REGULATOR
2	IS/ISO 12619-4 : 2016 ISO 12619-4: 2016 ISO 18134-3 : 2015	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLENDS FUEL SYSTEM COMPONENTS CHECK VALVE
3	IS/ISO 12619-5 : 2016 ISO 12619-5: 2016 ISO 18846 : 2016	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLENDS FUEL SYSTEM COMPONENTS PART 5 MANUAL CYLINDER VALVE
4	IS/ISO 12619-6 : 2017 ISO 12619-6: 2017 ISO 21470 : 2020	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLEND FUEL SYSTEM COMPONENTS AUTOMATIC VALVE
		ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND



5	IS/ISO 12619-7 : 2017 ISO 12619-7: 2017 16075-2 : 2015	HYDROGEN NATURAL GAS BLENDS FUEL SYSTEM COMPONENTS GAS INJECTOR
6	IS/ISO 12619-8 : 2017 ISO 12619-8: 2017 ISO 23443 : 2020	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLENDS FUEL SYSTEM COMPONENTS PRESSURE INDICATOR
7	IS/ISO 12619-9 : 2017 Adoption of ISO 1261 16075-3 : 2015	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLENDS FUEL SYSTEM COMPONENTS PRESSURE RELIEF VALVE PRV
8	IS/ISO 12619-10 : 2017 ISO 12619-10: 2017 ISO 15653:2018	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLENDS FUEL SYSTEM COMPONENTS PRESSURE RELIEF DEVICE PRD
9	IS/ISO 12619-11 : 2017 ISO 12619-11 : 2017 ISO 20158:2018	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLENDS FUEL SYSTEM COMPONENTS EXCESS FLOW VALVE
10	IS/ISO 12619-12 : 2017 ISO 12619-12 : 2017 ISO 20754:2018	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLENDS FUEL SYSTEM COMPONENTS GAS-TIGHT HOUSING AND VENTILATION HOSES
11	IS/ISO 12619-13 : 2017 ISO 12619-13 : 2017 ISO 20932-1:2018	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLENDS FUEL SYSTEM COMPONENTS RIGID FUEL LINE IN STAINLESS STEEL
12	IS/ISO 12619-14 : 2017 ISO 12619-14: 2017 ISO/IEC 29192-7:2019	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLENDS FUEL SYSTEM COMPONENTS FLEXIBLE FUEL LINE
13	IS/ISO 12619-15 : 2017 ISO 12619-15: 2017 56002	ROAD VEHICLES COMPRESSED GASEOUS HYDROGEN CGH2 AND HYDROGEN NATURAL GAS BLENDS FUEL SYSTEM COMPONENTS FILTER
14	IS 15712 : 2006 ISO 15500-6 Reviewed In : 2021 ISO 15500-6: 2001	Road vehicles - Compressed natural gas CNG fuel system components - Automatic valve Solenoid Valve
15	IS 15713 : 2006 ISO 15500-9 Reviewed In : 2021 ISO 15500-9: 2001	Road vehicles - Compressed natural gas CNG fuel system components - Pressure regulator
16	IS 15714 : 2006 ISO 15500-11 Reviewed In : 2021 ISO 15500-11: 2001	Road vehicles - Compressed natural gas CNG fuel system components - Gas air mixer
17	IS 15715 : 2008 Reviewed In : 2019	Road vehicles - Compressed natural gas CNG fuel system components - Conduit Ventilation Hose
18	IS 15716 : 2006 Reviewed In : 2021	Road vehicles - Compressed natural gas CNG fuel system components - Cng high pressure fuel line Rigid with end connections having pressure exceeding 2 15 mpa 21 5 Bar
19	IS 15717 : 2006 Reviewed In : 2021	Road vehicles - Compressed natural gas CNG fuel system components - Petrol valve Automatic manual
20	IS 15718 : 2006 Reviewed In : 2021	Road vehicles - Compressed natural gas CNG fuel system components - Cng high pressure fuel line Flexible Hose with end connections having service pressure exceeding 2 15 mpa 21 5 Bar
21	IS 15719 : 2006 Reviewed In : 2021	Road vehicles - Compressed natural gas CNG fuel system components - Electrical wiring kit
22	IS 15720 : 2008 Reviewed In : 2019	Road vehicles - Compressed natural gas CNG fuel system components - Compartments sub - Compartments
23	IS 15721 : 2006 Reviewed In : 2021	Road vehicles - Compressed natural gas CNG - Fire retardant material for seat upholstery roof and side lining
24	IS 15722 : 2006 Reviewed In : 2021	Road vehicles - Compressed natural gas CNG fuel system components - Cng low - Pressure flexible fuel line with end connections cng fuel line having pressure not exceeding 2 15 mpa 21 5 Bar
25	IS 15723 : 2006 Reviewed In : 2021	Road vehicles - Compressed natural gas CNG Fuel system components - Current limiting devices
26	IS 16009 : 2013	Road vehicles - Liquefied petroleum gas LPG specific equipment - Shut off valve

	Reviewed In : 2018	
27	IS 16053 : 2013 Reviewed In : 2018	Road vehicles - Liquefied petroleum gas LPG specific equipment - Pressure regulator and vapourizer
28	IS 16062 : 2013 Reviewed In : 2018	Road vehicles - Liquefied petroleum gas LPG specific equipment - Pressure and or temperature sensor
29	IS 16063 : 2013 Reviewed In : 2018	Road vehicles - Liquefied petroleum gas LPG specific equipment - Lpg filter unit
30	IS 16064 : 2013 Reviewed In : 2018	Road vehicles - Liquefied petroleum gas LPG specific equipment - Gas mixing piece
31	IS 16065 : 2013 Reviewed In : 2018	Road vehicles - Liquefied petroleum gas LPG specific equipment - Fuel rail
32	IS 16367 : 2017	Road vehicles - Liquefied petroleum gas LPG specific equipment - Gas injector
33	IS 19026 (Part 3) : 2023 ISO 12614-3:2021	ROAD VEHICLES LIQUEFIED NATURAL GAS LNG FUEL SYSTEM COMPONENTS PART 3 CHECK VALVE
34	IS 19026 (Part 4) : 2023 ISO 12614-4:2021	ROAD VEHICLES LIQUEFIED NATURAL GAS LNG FUEL SYSTEM COMPONENTS PART 4 MANUAL VALVE
35	IS 19026 (Part 5) : 2023 ISO 12614-5:2021	ROAD VEHICLES LIQUEFIED NATURAL GAS LNG FUEL SYSTEM COMPONENTS PART 5 TANK PRESSURE GAUGE
36	IS 19026 (Part 7) : 2023 ISO 12614-7:2021	ROAD VEHICLES LIQUEFIED NATURAL GAS LNG FUEL SYSTEM COMPONENTS PART 7 PRESSURE RELIEF VALVE PRV
37	IS 19026 (Part 8) : 2023 ISO 12614-8:2021	ROAD VEHICLES LIQUEFIED NATURAL GAS LNG FUEL SYSTEM COMPONENTS PART 8 EXCESS FLOW VALVE
38	IS 19026 (Part 9) : 2023 ISO 12614-9:2021	ROAD VEHICLES LIQUEFIED NATURAL GAS LNG FUEL SYSTEM COMPONENTS PART 9 GAS-TIGHT HOUSING AND VENTILATION HOSE
39	IS 19026 (Part 10) : 2023 ISO 12614-10:2021	ROAD VEHICLES LIQUEFIED NATURAL GAS LNG FUEL SYSTEM COMPONENTS PART 10 RIGID FUEL LINE IN STAINLESS STEEL
40	IS 19026 (Part 11) : 2023 ISO 12614-11:2021	ROAD VEHICLES LIQUEFIED NATURAL GAS LNG FUEL SYSTEM COMPONENTS PART 11 FITTINGS
41	IS 19026 (Part 12) : 2023 ISO 12614-12:2021	ROAD VEHICLES LIQUEFIED NATURAL GAS LNG FUEL SYSTEM COMPONENTS PART 12 RIGID FUEL LINE IN COPPER AND ITS ALLOYS
42	IS 19026 (Part 13) : 2023 ISO 12614-13:2021	ROAD VEHICLES LIQUEFIED NATURAL GAS LNG FUEL SYSTEM COMPONENTS PART 13 TANK PRESSURE CONTROL REGULATOR
43	IS 19026 (Part 14) : 2023 ISO 12614-14:2021	ROAD VEHICLES LIQUEFIED NATURAL GAS LNG FUEL SYSTEM COMPONENTS PART 14 DIFFERENTIAL PRESSURE FUEL CONTENT GAUGE
44	IS 19026 (Part 15) : 2023 ISO 12614-15:2021	ROAD VEHICLES LIQUEFIED NATURAL GAS LNG FUEL SYSTEM COMPONENTS PART 15 CAPACITANCE FUEL CONTENT GAUGE
45	IS 19026 (Part 16) : 2023 ISO 12614-16:2021	ROAD VEHICLES LIQUEFIED NATURAL GAS LNG FUEL SYSTEM COMPONENTS PART 16 HEAT EXCHANGER-VAPORIZER
46	IS 19026 (Part 17) : 2023 ISO 12614-17:2021	ROAD VEHICLES LIQUEFIED NATURAL GAS LNG FUEL SYSTEM COMPONENTS PART 17 NATURAL GAS DETECTOR
47	IS 19026 (Part 18) : 2023 ISO 12614-18:2021	ROAD VEHICLES LIQUEFIED NATURAL GAS LNG FUEL SYSTEM COMPONENTS PART 18 GAS TEMPERATURE SENSOR

48	IS 19026 (Part 19) : 2023 ISO 12614-19:2021	ROAD VEHICLES LIQUEFIED NATURAL GAS LNG FUEL SYSTEM COMPONENTS PART 19 AUTOMATIC VALVE
49	IS 19035 : 2023 ISO 16964: 2019	GAS CYLINDERS FLEXIBLE HOSES ASSEMBLIES SPECIFICATION AND TESTING
50	IS 19036 : 2023 ISO 23273: 2013	Fuel cell road vehicles Safety specifications Protection against hydrogen hazards for vehicles fuelled with compressed hydrogen