

Indian Standard
**ROAD VEHICLES — COMPRESSED NATURAL GAS
(CNG) FUEL SYSTEM COMPONENTS — PETROL
VALVE (AUTOMATIC/MANUAL)**

1 SCOPE

1.1 This Indian Standard specifies definitions, test methods and requirements of petrol valve (automatic/ manual) of CNG onboard fuel system components, intended for use on motor vehicles defined in IS 14272 (Part 1), two wheelers, construction equipment vehicles (CEV).

1.1.1 This standard is applicable to CNG fuel system components intended to use on vehicles using compressed natural gas (bi-fuel applications).

1.1.2 It is not applicable to the following:

- a) Liquefied natural gas (LNG) fuel system components located upstream of, and including, the vapourizer;
- b) Fuel containers;
- c) Stationary gas engines; and
- d) CNG fuel systems components for the propulsion of marine craft.

2 REFERENCES

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. At the time of publication the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below:

<i>IS No.</i>	<i>Title</i>
14272 (Part 1) : 1995	Automotive vehicles — Types — Terminology: Part 1 Three and four wheelers
15710 : 2006	Road vehicles — Compressed natural gas (CNG) fuel system components — General requirements and definitions