

Indian Standard

LPG OPERATED INTERNAL COMBUSTION ENGINES — SAFETY AND PERFORMANCE REQUIREMENTS — SPECIFICATION

1 SCOPE

This standard specifies the safety and performance requirements for LPG operated internal combustion engines for use with generators, agricultural pumps, sprayers or any other similar stationary application.

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 standard listed below:

<i>IS No.</i>	<i>Title</i>
3196 (Part 1): 2006	Welded low carbon steel cylinders exceeding 5 litre water capacity for low pressure liquefiable gases: Part 1 Cylinders for liquefied petroleum gases (LPG) — Specification (<i>fifth revision</i>)
4786: 2006	Specification for variable high pressure regulators for use with liquefied petroleum gases
7347: 1974	Specification for performance of small size spark ignition engines for agricultural sprayer and similar application
8737 : 1995	Valve fittings for use with liquefied petroleum gas (LPG) cylinders of more than 5 litre water capacity — Specification (<i>first revision</i>)
9573: 1998	Rubber hose for liquefied petroleum gas (LPG) — Specification (<i>second revision</i>)
9798 : 1995	Low pressure regulators for use with liquefied petroleum gas (LPG) mixtures — Specification (<i>first revision</i>)
ECE R-67	Performance evaluation of LPG regulator/vaporizer