CYLINDER, VALVES AND REGULATOR / AMENDED

Gas Cylinders Rules, 2016: standards for gas cylinders, valves and LPG regulators

The Gas Cylinders Rules, 2016 set Indian Standards for gas cylinders, valves and LPG regulators and require the Chief Controller of Explosives' approval.

THE GAS CYLINDERS Rules, 2016 were made by the Ministry of Commerce and Industry (Department of Industrial Policy and Promotion) by notification G.S.R. 1081(E), dated November 22, 2016, under sections 5 and 7 of the Explosives Act, 1884, in supersession of the Gas Cylinders Rules, 2004. They came into force on publication.

STANDARDS 14

IS:15100	IS:3196 Part 4	IS:3196 Part 1
IS:3196 Part 2	IS: 3224	IS:3745
IS:7142	IS: 7285	IS:7302
IS:7312	IS: 8737	IS:8776
IS:9798	IS:14899	

KEY FACTS

ORDER

Gas Cylinders Rules, 2016

CAME INTO FORCE

On the date of publication in the Official Gazette (November 22, 2016)

WHERE IT STANDS

Amended

REFERENCES

G.S.R. 315(E)	Amended
G.S.R. 447(E)	Amended
G.S.R. 1081(E)	In force

Gas Cylinders Rules, 2016: standards for gas cylinders, valves and LPG regulators

Gas Cylinders Rules, 2016 · Ministry of Commerce and Industry (Department of Industrial Policy and Promotion)

The Gas Cylinders Rules, 2016 were made by the Ministry of Commerce and Industry (Department of Industrial Policy and Promotion) by notification G.S.R. 1081(E), dated November 22, 2016, under sections 5 and 7 of the Explosives Act, 1884, in supersession of the Gas Cylinders Rules, 2004. They came into force on publication.

Under rule 3, no person may fill a cylinder with compressed gas, or import, possess or transport such a cylinder, unless the cylinder and its valve are constructed to a type and standard in Schedule I and the prior approval of the Chief Controller of Explosives is obtained. Rule 4 sets valve standards, including IS:3224 for industrial gas cylinders, IS:3745 for medical gas cylinders, IS:7302 for breathing apparatus, IS:8776 and IS: 8737 for LPG cylinders up to and above five liters, IS:15100 for auto LPG containers and IS:9798 for LPG regulators. Schedule I lists Indian-origin cylinders to IS:3196 Parts 1, 2 and 4, IS:7142, IS:14899, IS:7312 and IS: 7285, certified by the Bureau of Indian Standards or an inspection authority approved by the Chief Controller.

Rule 3(5) allows non-conforming cylinders imported for filling and shipment to the country of origin, or supply to foreign going vessels, to be filled; the Chief Controller may permit non-conforming valves and LPG regulators in the public interest.

G.S.R. 315(E), dated April 27, 2026, extended the rule 3(5) exception to imports by establishments of the Ministry of Defence, Department of Space and its Public Sector Undertakings for their own use, and removed the need for customs landing permission for empty cylinders without valves and for valves and LPG regulators from approved foreign plants holding a Form-D licence. G.S.R. 447(E), dated June 5, 2026, omitted rule 48 and added a stacking condition for industrial gas cylinders in certified structured packaging. Its note lists eight earlier amendments, from February 27, 2018 to November 12, 2025, not among the notifications recorded here.

Order	Gas Cylinders Rules, 2016
Issued by	Ministry of Commerce and Industry (Department of Industrial Policy and Promotion)
Product group	Cylinder, Valves and Regulator
Where it stands	Amended
What it requires	No person may fill a cylinder with compressed gas, or import, possess or transport a cylinder so filled or intended to be filled,

unless the cylinder and its valve have been constructed to a type and standard specified in Schedule I and the inspecting authority's test and inspection certificates have been made available to the Chief Controller and prior approval obtained (rule 3). Valves and LPG regulators must comply with the Indian Standards named in rule 4; under Schedule I, Indian-origin cylinders and industrial gas cylinder valves are certified by the Bureau of Indian Standards or an inspection authority or agency approved by the Chief Controller, and LPG valves and regulators, multi function valves, medical gas cylinder valves and breathing apparatus valves are certified by the Bureau of Indian Standards and approved by the Chief Controller.

Came into force

On the date of publication in the Official Gazette (November 22, 2016)

Exemptions

- Cylinders not conforming to the specifications in Schedule I, imported into India for filling and shipment to the country of origin or supply to a foreign going vessel touching Indian port, may be filled subject to the conditions in rule 3(5); G.S.R. 315(E) added cylinders and valves imported by establishments of the Ministry of Defence, Department of Space and its Public Sector Undertakings for their own use
- The Chief Controller may, if of the opinion that it is necessary in the public interest, permit the use of valves and LPG regulators not conforming to the specifications (rule 4(1))
- The Chief Controller may, by written order with reasons recorded, suspend or modify any requirement of the rules in respect of any cylinder or mode of conveyance (rule 66)
- Under G.S.R. 315(E), the permission of the Commissioner of Customs for landing under rule 32(1) is not required for empty cylinders without valves, or for valves and LPG regulators imported from foreign manufacturing plants approved by the Chief Controller and having a valid import licence in Form-D

Enforcement

The Chief Controller of Explosives grants approvals and licences under the rules. Under rule 71, the Chief Controller or Controller (the whole of India), District Magistrates and Magistrates subordinate to them, and the Commissioner of Police and police officers not below the rank of Sub Inspector (in their jurisdictions) may exercise the powers specified in sub-section (1) of section 7 of the Explosives Act, 1884. The licence forms state that the holder of a licence is punishable for contravention as provided for under section 9B of the Explosives Act, 1884.

The products and their standards

Product	Indian Standard
Multi function valve (in respect of auto LPG container)	IS:15100
Welded low carbon steel cylinders for low pressure liquefiable gases	IS:3196 Part 4
Welded low carbon steel cylinders for low pressure liquefiable gases	IS:3196 Part 1
Welded low carbon steel cylinders for low pressure liquefiable gases	IS:3196 Part 2
Valves in respect of industrial gas cylinder including CNG	IS: 3224
Valves in respect of medical gas cylinder	IS:3745
Welded low carbon steel cylinders for low pressure liquefiable gases	IS:7142
Seamless steel cylinders	IS: 7285
Valves in respect of cylinders used with breathing apparatus	IS:7302
DA cylinders	IS:7312
LPG valves for cylinders of water capacity exceeding five liters	IS: 8737
LPG valves for cylinders of water capacity not exceeding five liters	IS:8776
LPG regulators fitted to LPG cylinder	IS:9798
Auto LPG containers	IS:14899

Every notification on this order

Date	Notification	Status	What it did
April 28, 2026	G.S.R. 315(E) PDF, 696 KB · Gazette	Amended	Made the Gas Cylinders (Amendment) Rules, 2026, dated April 27, 2026 and in force on publication. They extended the rule 3(5) exception to cylinders and valves imported by establishments of the Ministry of Defence, Department of Space and its Public Sector Undertakings for their own use, removed the need for landing permission under rule 32(1) for empty cylinders without valves and for valves and LPG regulators from foreign plants approved by the Chief Controller with a valid Form-D import licence, and added 'or other flammable gases' in rule 48(3)(b).
April 28, 2026	G.S.R. 447(E) PDF, 726 KB · Gazette	Amended	Made the Gas Cylinders (Second Amendment) Rules, 2026, dated June 5, 2026 and in force on publication. They omitted rule 48 (headed No Objection Certificate in the 2016 rules) and item (vi) of the documents list in FORM C, and inserted condition 8A in FORM F, allowing higher stacking and lesser gangway for industrial gas cylinders packed in certified structured packaging.

November 22, 2016	G.S.R. 1081(E) PDF, 1.8 MB	In force	Made the Gas Cylinders Rules, 2016, dated November 22, 2016, under sections 5 and 7 of the Explosives Act, 1884, in supersession of the Gas Cylinders Rules, 2004, in force on publication. They require cylinders and valves to be constructed to the types and standards in Schedule I and valves and LPG regulators to comply with the Indian Standards named in rule 4.

Each notification is linked, as a PDF, in the list above.

Where a notification shows "Gazette", that links the Gazette of India's copy; ours was checked against it on October 20, 2026.

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