

तार "विस्फोट", नागपुर
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र्यालयीन उद्देश्य सभी
पत्रादि "मु य विस्फोट नियंत्र" पदनाम से भेजे जाएं, उन व्यक्ति त नाम से नहीं।

All communications intended for this Office should be addressed to the 'Chief Controller of Explosives' and NOT to him by name.



भारत सरकार

GOVERNMENT OF INDIA

पेट्रोलियम तथा विस्फोट सुरा संठन

Petroleum and Explosives Safety Organisation

(पूर्व नाम- विस्फोट विभा)

(Formerly- Department of Explosives)

"ए" ब्लॉक, पाँचवा तल, न्द्रीय र्यालय परिसर,

"A" Block, 5th Floor, CGO Complex,

सेमीनरी हिल्स, नागपुर-440 006 (महा.)

Seminary Hills, Nagpur- 440006

No. R.1(1)158/VII

Dated:21/10/2011

To

- 1) All Competent Persons (As per list enclosed)
- 2) M/s. Inox India Ltd., ABS Tower, 4th Floor, Old Padra Road, Vadodara – 390 007.
- 3) M/s. BOC India Ltd., Oxygen House, P-43, Taratala Road, Kolkatta – 700 088
- 4) M/s. Praxair India Pvt. Ltd., Praxair House, No. 8, Ulsoor Road, Bangalore – 560 042.
- 5) M/s. Air Liquide North India Pvt. Ltd., A-24/9, Mohan Co-operative Industrial Area, Mathura Road, New Delhi – 110 044
- 6) M/s. Inox Air Products Ltd., Unit – 1, Surajpur Kasna Road, Greater Noida, Dist. Gautam Budh Nagar – 201 306.
- 7) M/s. Goyal Gases, A-38, Mohan Co-operative Industrial Estate, Main Mathura Road, New Delhi – 110 044.

Sub: - Periodic testing of Carbon Dioxide storage and transport vessels under Rule 19 of the SMPV(U) Rules, 1981 – regarding

Sirs,

It has been brought to the notice of this office that the liquid Carbon Dioxide vessels are being pneumatically tested under Rule 19 of the SMPV(U) Rules, 1981.

In this connection, it is brought to the notice of all concerned that methodology of periodic testing of Carbon Dioxide storage and transport vessels was reviewed in the past and accordingly it was decided that liquid Carbon dioxide storage and transport vessels made of carbon steel shall be subjected hydraulic testing instead of pneumatic at the marked test pressure as per design and fabrication code during periodic inspection and testing under Rule 19 of the SMPV(U) Rules, 1981. A copy of Circular No. PV(T)G/2004, dated 09/12/2004 issued in this regard is enclosed for ready reference.

As such, all the competent person recognised for carrying out periodic testing under Rule 19 of SMPV(U) Rules, 1981 are hereby advised to ensure of the compliance of the above pending amendment of Rule 19 (1A) of the SMPV(U) Rules, 1981.

Yours faithfully,

(T.R. Thomas)

Chief Controller of Explosives

Copy forwarded for information to all Circle/sub-circle offices.

Chief Controller of Explosives



GOVERNMENT OF INDIA
MINISTRY OF COMMERCE & INDUSTRY
DEPARTMENT OF EXPLOSIVES
CGO COMPLEX SEMINARY HILLS
NAGPUR 440006

PV(T)G/2004
09/12/2004

CIRCULAR

Sub:- Periodic testing of Carbon Dioxide storage and transport vessels under rule 19 of SMPV(U) Rules, 1981.

The methodology of periodic testing (hydraulic vs.pneumatic) of Carbon dioxide storage/transport vessels has been reviewed.

Since carbon dioxide vessels are made of carbon steel (unlike stainless steel in case of cryogenic tanks), they are prone to corrosion and other defects. Also, considering the safety hazards associated with pneumatic testing of carbon dioxide vessels, it has been decided that carbon dioxide storage and transport vessels made of carbon steel shall be subjected to hydraulic testing (instead of pneumatic) at the marked test pressure as per design and fabrication code during periodic inspection and testing under rule 19. It shall be ensured that the vessel after testing is thoroughly dried of water and made moisture free before taken into service.

(A.N.Biswas)

Jt.Chief Controller of Explosives
for Chief Controller of Explosives

To

- (1) All offices of the Department
- (2) All competent persons recognized for testing under rule 19.
- (3) M/s.Praxair India Pvt.Ltd., Praxair House NO. 8, Ulsoor Road, Bangalore-560 042.
- (4) M/s.SICGIL India Ltd., Dhun Building, 6th Floor, 84, (Old No. 827), Anna Salai, Chennai – 600 002.
- (5) M/s.BOC India Ltd., Oxygen House, P-43, Taratola Road, Kolkata – 88.
- (6) The Secretary General, All India Industrial Gases Manufacturer's Association, 66, Masjid Moth, II Floor, Near Uday Park, New Delhi-110 049.