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ग्यालयीन उद्देश्य सभ्य  
पत्रादि "मु य विस्फोट नियंत्र" पदनाम से भेजे जाएं, उन व्यक्ति का 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 सुरक्षा संस्थान

Petroleum and Explosives Safety Organisation

(पूर्व नाम- विस्फोट विभाग)

(Formerly- Department of Explosives)

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

"A" Block, 5<sup>th</sup> Floor, CGO Complex,

सेमीनरी हिल्स, नागपुर-440 006 (महा.)

Seminary Hills, Nagpur- 440006

No. PV(Skid Mountd Vessel))2008

Dated:14/10/2011

CIRCULAR

7 OCT 2011

Sub: - Use of cryogenic cylinders (Porta-Cryos) for filling and storage of liquid Oxygen, Nitrogen, Argon, etc. – regarding

It is intimated that the vacuum insulated cryogenic cylinders of water capacity less than 1000 liter operating at a working pressure of less than 1.5Kg/cm<sup>2</sup> do not come under the purview of the Gas Cylinders Rules, 2004. However, during the visit of various industries by the officers of this organisation, it has been observed that the cryogenic cylinders with gas pressure ranging from 3 bar to 24 bar are being manufactured and supplied to hospitals and other industries for storage of liquid Oxygen, Nitrogen, Argon. etc. for the various purposes.

In this connection, it is to bring to your notice that the containers intended to be filled with gas pressure exceeding 1.5 bar and water capacity less than 1000 liter attracts the provisions of the Gas Cylinders Rules 2004 as per definition under Rule 2 (xxi) of the said rules. Necessary approval for manufacturing of such cylinders by indigenous as well as foreign origin manufacturers and intended to be filled in India is obligatory under Rule 3 of the Gas Cylinders Rules, 2004.

As such, all the cryogenic cylinder manufacturers & gas producers are, therefore, advised to ensure compliance of Rule 3 of the Gas Cylinders Rules, 2004 as stated above and obtain necessary filling permission from the Chief Controller of Explosives under Rule 45 while supplying the cylinders for filling of compressed cryogenic gases.

( T.R. Thomas )  
Chief Controller of Explosives

To

1. All Pressure Vessel Manufacturers (as per enclosed list)
2. All Gas Cylinders Manufacturers (as per enclosed list)
3. All Cryo Gas Manufacturers (as per enclosed list)

Copy forwarded for information to All Circle/sub-circle offices

Chief Controller of Explosives

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14/10/11