

केन्द्रीय मुहर विभाग-2

हमारा संदर्भ : के.मु.वि.-2/16: 6901

16 10 2018

विषय :संशोधित IS 6901:2018/ISO 2503:2009 (Gas Welding Equipment – Pressure Regulators and Pressure Regulators with Flow metering devices for gas cylinders used in welding, cutting and allied processes up to 300 bar (30 MPa)) के अनुपालन के दिशा निर्देश

1. उपरोक्त विषय के संदर्भ में परिपत्र अवलोकन हेतु संलग्न है।

(आदित्य दास)
वैज्ञानिक सी) सी एम डी-2(

प्रमुख) के.मु.वि.-2(

सभी क्षेत्रीय/शाखा कार्यालयों/एम टी डी/एलपिपिडी को इंटरनेट के माध्यम से परिचालित

प्रतिलिपि:

आई टी एस विभाग - बीआईएस इंटरनेट पर अपलोड करने के लिए

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 6901

16 10 2018

Subject: Guidelines for implementation of Revised IS 6901:2018/ISO 2503:2009 (Gas Welding Equipment – Pressure Regulators and Pressure Regulators with Flow metering devices for gas cylinders used in welding, cutting and allied processes up to 300 bar (30 MPa))

1. Please find enclosed circular regarding above subject for kind consideration.

(Aditya Das)
Sc. 'C' (CMD-2)

Head (CMD-2)

Circulated to all ROs/BOs/MTD/LPPD

Copy to: ITS for hosting on BIS Intranet

CENTRAL MARKS DEPARTMENT 2

Our Ref: CMD 2/16:6901

05-10-2018

Subject: Guidelines for implementation of Revised IS 6901:2018/ISO 2503:2009 (Gas Welding Equipment – Pressure Regulators and Pressure Regulators with Flow metering devices for gas cylinders used in welding, cutting and allied processes up to 300 bar (30 MPa))

1. IS 6901:2009/ISO 2503:1998 has been revised as IS 6901:2018/ISO 2503:2009 and has been published. The last date for implementation of the revised Standard is **3 March 2019** after which the old Standard shall stand withdrawn.
2. All BOs shall inform the Applicants and Licensees under their jurisdiction about implementation of the revised Standard.
3. The significant changes in the revised Standard as listed in the Table is given for the purpose of general guidance. BOs shall ensure that the product conforms to all the requirements, as applicable, as per the revised Standard.

Clause	Changes
Title	Title has been modified to include “pressure regulators with flow metering devices”
1. Scope	The scope has been elaborated and defined separately for pressure regulators with and without flow metering devices
2. Normative reference	Year has been removed from cross referred standards, Reference to ISO 3253:1998 (Hose connections for welding, cutting equipment) has been removed and reference to ISO 15296 (terms used for gas welding equipment) has been included
5.2.7	“Flow control valve” has been defined under Design and Construction
5.2.10	Clause for “gas tightness” has been revised as “leakage” in which requirements have been defined separately for external and internal leakage
5.2.11.1 Table 2	Table for test pressures for resistance to internal pressure (Table 6 in old IS) requirement has been slightly modified: “p2 up to 20 bar” has been removed from col1, row 1; “including” added in col1, row 3
6	Physical performance and operating characteristics have been defined separately for pressure regulators with and without flow-metering devices. Requirements and tests for accuracy classification and stability of the flow for pressure regulators with flow-metering devices have been defined
7	Marking clause has been modified to address pressure regulators with and without flow metering devices
9.3.2	Dew point of test gas changed from -48°C to -40°C

9.7.5.1	Pressure relief valve tightness test introduced
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4. Consequent upon the issuance of the revised Standard, existing STI has been revised as **Doc: SIT/6901/1 Oct 2018**, which is being circulated separately.

5. The guidelines for implementation of the revised Standard is given below:

A. Licensees:

- (i) All Licensees shall implement the revised Standard by **3 March 2019**. BOs shall ensure that no Licences are under operation as per the old Standard after **3 March 2019**.
- (ii) Licensees shall submit evidence of conformity to the additional/modified requirements through In-house/Independent Test Reports or Test Certificates, as applicable. Verification of additional facilities, if any, may be done during the next visit.
- (iii) If the Licensee fails to complete all actions by **3 March 2019** it shall be dealt with as per the prevailing guidelines.

B. Applications for Grant of Licence:

- (i) Existing Applications may be processed as per the old Standard. However, if the Applicant is desirous of considering the Application as per the revised Standard, a declaration may be obtained from the Applicant to that effect and the Application may be processed accordingly. An undertaking shall also be obtained from such Applicants that if the sample fails while considering the provisions of the revised Standard, Licence will not be granted as per the old version.
- (ii) Applications which are recorded henceforth may be processed as per the old Standard or the revised Standard. Processing of Applications as per the old Standard shall be permitted only upto **31 Jan 2019** for such cases Applicant shall give a declaration that they will implement the revised Standard by **3 March 2019**.
- (iii) Beyond **3 March 2019** no Licence shall be granted as per the old Standard.

C. Change in Scope of Licence:

- (i) For change in scope of licence, the relevant provisions as given above for Applicants shall apply.
- (ii) However, processing of such applications for change in scope of licence as per the old Standard shall be permitted only upto the date of implementation of the revised Standard or upto **3 March 2019** whichever is earlier.

6. The above guidelines come into force with immediate effect.

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DDG (Cert.)