



केन्द्रीय मुहर विभाग - III

हमारा संदर्भ- केन्द्रीय मुहर विभाग-३/१६: भा.मा./आई एस ओ २२७०२

२५ जुलाई २०२३

विषय: अनुपालन हेतु गाइडलाइन

सभी शाखा कार्यालयों से आग्रह है कि संलग्न गाइडलाइन का अनुपालन तत्काल प्रभाव से सुनिश्चित करें।

(राकेश कुमार)
वैज्ञानिक 'डी' (के मु वि III)

प्रमुख (के मु वि III)

सभी क्षेत्रीय/शाखा कार्यालय

CENTRAL MARKS DEPARTMENT-III

Our Ref: **CMD-3/16: IS/ISO 22702**

25 July 2023

Subject: Guidelines for implementation of revised Indian standard IS/ISO 22702: 2018-Utility lighters- Safety specification

This has reference to the subject mentioned above.

BOs may kindly ensure implementation of the attached guidelines with immediate effect.

(Rakesh Kumar)
Scientist D (CMD III)

Head (CMD - III)

Circulated to: All ROs/BOs

CENTRAL MARKS DEPARTMENT III

Our Ref: CMD-3/16: IS/ISO 22702

25 July 2023

Subject: Guidelines for implementation of revised Indian standard IS/ISO 22702: 2018- Utility lighters- Safety specification

1. IS/ISO 22702: 2003 has been revised and published as IS/ISO 22702: 2018.
2. The significant changes brought through this revision as listed in the Table below is given for the purpose of general guidance. BO shall ensure that the product conforms to all the requirements, as applicable, as per the revised standard.

Sl. No.	clause reference	Change
1.	General	“Dual flame type utility lighters” and “Multiple flame type Utility lighters” have also been covered as new varieties in the Standard
2.	2	Clause has been added to provide List of referred Standards.
3.	3.20, 3.21	Clause added to define ‘dual flame type utility lighter’ and ‘multiple flame type utility lighter’
4.	4.2.10 and 4.2.11	Requirements of Flame height test for “Dual flame type utility lighter” and “Multiple flame type utility lighter” have been added
5.	4.5.4 and 4.5.5	Requirements of Flame extinction test for “Dual flame type utility lighter” and Multiple” flame type utility lighter” have been added
6.	4.7	Maximum mass of fuel for gas utility lighters shipped with fuel has been specified now
7.	5.4	Requirements of Burning behaviour test has been modified. Corresponding figure has also been modified
8.	5.7	Requirement of external finish test has been modified
9.	8.1	New clause has been added to specify test sequencing for various tests to be performed on product
10.	8.3.3	Test method of resistance to spitting or sputtering or flaring has been modified. Corresponding figure has also been modified
11.	8.12.4	Procedure for volumetric- fuel displacement test has been modified specifying separate methods for test with known and unknown fuel type and formulation

12.	8.10.5	Procedure for conducting Internal Pressure test has been modified specifying separate methods for test with known and unknown fuel type and formulation
13.	8.8.4.9 and 8.8.4.10	Procedure of Cyclic burning time test for “Dual flame type utility lighter” and “Multiple flame type utility lighter” have been added
14.	8.7.4	Procedure of continuous burning time test for “Dual flame type utility lighter” and “Multiple flame type utility lighter” have been added
15.	7.1.4	Requirements of safety signage have been modified
16.	Annex A	Test sequencing for various tests to be performed on product has been given

3. Consequent upon revision the Standard, existing Product Manual has been revised as Doc: PM/ IS/ISO 22702/ 2/ July 2023. In this revision, changes have been made in Grouping Guidelines, Scope of licence and Scheme of Inspection and Testing.

4. The guidelines for implementation of the revised standard is given below:

A. LICENSEES:

- (i) In order to establish conformity to modified requirements, licensee shall submit the in-house/independent, test report of product, as applicable, including marking and labelling requirements, as evidence of conformity to the revised Standard.
- (ii) Verification of implementation of the revised standard, wherever required, may be done during the next visit **which shall be completed within one month from the date of submission of compliance by licensee.**

B. APPLICATIONS FOR GRANT OF LICENCE:

- (i) There is no application under process at present. Applications which are recorded henceforth shall be processed as per revised Standard.

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

(Rakesh Kumar)
Scientist D

Head (CMD III)
DDG (Certification)