

# BUREAU OF INDIAN STANDARDS

**Doc No.: MTD 14 (17996)**

**DRAFT FOR WIDE CIRCULATION**

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Draft Amendment No. 1 to  
IS 12117: 1996 NORMS FOR CLASSIFICATION OF STEEL FOUNDRIES  
FOR QUALITY ASSURANCE (First Revision)

**ICS 77.140.80; 25.120.30**

Foundry and Steel Castings Sectional  
Committee, MTD14

Last Date for receipt of comment is  
11 Nov 2021

(Page 1, *clause 2*) — Substitute the following for the existing clause:

## **‘2 REFERENCES**

The following standards contain provisions, which through reference in this text, constitute provisions of this standard. At the time of publication the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below:

‘IS No.	Title
2595: 2008	Industrial radiographic testing - Code of practice ( <i>Second Revision</i> )
9565: 1995	Acceptance standards for ultrasonic inspection of steel castings - Specification ( <i>Second Revision</i> )
10724: 1990	Acceptance standards for magnetic particle inspection of steel castings - Specification ( <i>First Revision</i> )
11732: 1995	Acceptance standards for liquid penetrant inspection of steel casting ( <i>First Revision</i> )
12938: 1990	Acceptance standards for radiographic inspection of steel castings’

(Page 4, *clause 6.4.2*) — Substitute the following for the existing clause:

‘An infrared pyrometer or optical pyrometer exists for measuring temperature of liquid metal, especially during pouring.’

(Page 6, *clause 6.5.20*) — Substitute the following for the existing clause:

‘Actual pouring temperatures of different melts are measured and recorded, using a suitable infrared or optical pyrometer periodically calibrated as specified in **6.4.4**.’

[Page 8, *clause 6.8.3 (a), line 2 and line 3*] — Substitute ‘IS 11732’ for ‘IS 11732: 1995’.

[Page 8, *clause 6.8.3 (b), line 2 and line 3*] — Substitute ‘IS 10724’ for ‘IS 10724: 1990’.

[Page 8, clause **6.8.3** (c), line 2] — Substitute ‘IS 9565’ for ‘IS 9565: 1995’.

[Page 8, clause **6.8.3** (d), line 6] — Substitute ‘IS 12938’ for ‘IS 12938: 1990’.

[Page 9, Note 2 under **6.8.10**, line 5] — Substitute ‘IS 12938’ for ‘IS 12938: 1990’.

[Page 9, Note 2 under **6.8.10**, line 7] — Substitute ‘IS 10724’ for ‘IS 10724: 1990’.

[Page 9, Note 2 under **6.8.10**, line 9] — Substitute ‘IS 11732’ for ‘IS 11732: 1995’.

[Page 9, Note 2 under **6.8.10**, line 11] — Substitute ‘IS 9565’ for ‘IS 9565: 1995’.

(MTD 14)