

TEMPLATE FOR SENDING COMMENTS ON BIS DOCUMENTS

Date:	03/02/2021	Document No.:		Title of the Document:	Address the missing of size parameter and include 0.64 mm size in IS 3394 for Accelerated Life Test
Name of the Commentator/ Organization:	JLC Electromet Pvt Ltd			Abbreviation of the Commentator/Organization:	JLC

(Comments on each clause/subclause/table/fig, etc be started on a fresh box. Information in column 5 should include reasons for the comments/suggestions for modified wordings of the clauses when the existing text/provision is found not acceptable. Adherence to this format facilitates Secretariat's work)

Abbreviation of the Commentator /Organization	Clause/ Subclause No. (e.g. 3.1)	Paragraph No. / Figure No. / Table No. (e.g. Table 1)	Type of Comment ¹⁾	Comments/Suggestions along with Justification for the Proposed Change	Proposed Change/Modified Wordings	Committee Decision
(1)	(2)	(3)	(4)	(5)	(6)	(7)
JLC	5. (Test Specimen)	5.1	te	<p>The Test Specimen (IS : 3394 – 1985) Clause No. 5.1 mentions:</p> <p>“The test specimen shall be in the form of wire, tape or strip and shall have an electrical resistivity within the specified limits for the alloy being tested. The Length of the specimen shall be 250 mm between the two terminals.”</p> <p>IS 3394 -1985 is one of the required testing methods for electrical resistance heating alloys covered in IS 12045-1987.</p> <p>IS 12045- 1987 mentions in 3.1 that assistance has been arrived from ASTM B344 which is a standard for similar alloys (As covered in IS 12045). ASTM B344 also calls for similar Accelerated Life Test method which is as per ASTM B76.</p> <p>In ASTM B76 for Accelerated Life Test, it mentions that test should be done at 0.64 mm wire (Refer to point No.5.1).</p>	<p>The Test Specimen (IS : 3394 – 1985) Clause No. 5.1 should mention:</p> <p>“The test specimen shall be in the form of wire, tape or strip and shall have an electrical resistivity within the specified limits for the alloy being tested. The Length of the wire specimen shall be 250 mm between the two terminals and with 0.64 mm of diameter.”</p>	

1) **Type of comment:** ge = general te = technical ed = editorial

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(1)	(2)	(3)	(4)	(5)	(6)	(7)
				<u>We request you to kindly address the missing of size parameter & inculcate 0.64 mm size in IS 3394 for accelerated life testing. Without the mention of diameter, the test cannot be performed and the results will not relate to any conclusion.</u>		

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