

A & C Slip No. 05

Reason for Amendment: To meet the international marking practice.

Date of Issue: ..... November 2017

Sl. No.	Clause No.	Existing Provisions	As amended
1.	<u>2</u>	In preparation of specification following standards and specifications are referred: 1. IS 9713-1983 for purpose of sampling 2. IS 440-1964 for chemical analysis of copper 3. IS 613-1984 for Electrical Resistivity Test 4. RDSO Specification ETI/OHE/76 (6/97) with A&C slip no. 1 & 3	In preparation of specification following standards and specifications are referred: 1. IS 9713-1983 or latest for purpose of sampling 2. IS 440-1964 or latest for chemical analysis of copper 3. IS 613- <b>2000</b> or latest for Electrical Resistivity Test 4. RDSO Specification ETI/OHE/76 (6/97) with <b>latest amendments</b>
2.	<u>3.1</u>	The material of continuous cast copper wire rods, shall have the chemical composition as given in table-2 of the specification no. ETI/OHE/76 (6/97)	The material of continuous cast copper wire rods, shall have the chemical composition as given in table-2 of the specification no. ETI/OHE/76 (6/97) with <b>latest amendments</b>
3.	<u>6.2</u>	Measurement of dimensions:  Discard approximately 2.5m lengths from the end of the coil. Three measurements at 60o angular displacement shall be made around the circumference at two places 4m apart. An average of six readings shall be considered as the diameter of the wire rod. The diameter shall be as per table-3 of A&C slip no. 3 of RDSO specification ETI/OHE/76 (6/97)	Measurement of dimensions:  Discard approximately 2.5m lengths from the end of the coil. Three measurements at 60° angular displacement shall be made around the circumference at two places 4m apart. An average of six readings shall be considered as the diameter of the wire rod. The diameter shall be as per table-3 of RDSO specification ETI/OHE/76 (6/97) with <b>latest amendments</b>
4.	<u>6.7</u>	Electrical Resistivity Test:  Electrical resistivity of CCC wire rod shall be determined in accordance with IS 613-1984. Resistivity shall not be greater than 0.01737 ohm mm <sup>2</sup> /m at 20°C	Electrical Resistivity Test:  Electrical resistivity of CCC wire rod shall be determined in accordance with IS 613- <b>2000</b> or latest. Resistivity shall not be greater than 0.01737 ohm mm <sup>2</sup> /m at 20°C
5.	<u>8.2</u>	On the Rod:  The name of the manufacturer and month and year of manufacture shall be provided on the wire rod at regular intervals not exceeding 10 metres to facilitate easy identification.	<b>Suitable tag having information mentioned in Clause 8.1 shall be provided for identification.</b>

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Prepared By	Checked By	Approved By
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