Research Designs and Standards Organisation (Traction Installation Directorate)



Reasoned document of A & C Slip 5 to RDSO's Specification No. ETI/OHE/65(8/87) with A & C Slip No. 1,2,3 & 4 of CCC wire rod for Electric Traction.

- 1. A & C Slip 5 to RDSO's Specification No. ETI/OHE/65(8/87) with A & C Slip No. 1,2,3 & 4 of CCC wire rod was uploaded on RDSO website for one month for seeking comments,
- 2. Comments/suggestions received so far from viewers are summarized below:

Clause	Particular as per draft proposed	M/s Hindalco
No.	and the second s	IS:440-1964 or latest or any other
^		established instrumental/Chemical method of chemical analysis of
		copper. (Reference 15: 9/13- 1983)
		1000)
	amendments	
6.2	Measurement of dimensions:	copper rod, no need to discard 2.5
	Discard approximately 2.5m lengths from the end of the coil. Three	meter length from the end of coil.
	the circumference at two places 4m apart. An average of six	
	readings shall be considered as the diameter of the wire rod. The	
	(6/97) with latest amendments	
6.7	Electrical Resistivity Test:	based resistivity. CCC wire rod is
	Electrical resistivity of CCC wire rod shall be determined in	
	accordance with IS 613-2000 or latest. Resistivity shall not be	Firm suggested to include mass
	greater than 0.01/3/ offin main /in at 20 C	in % IACS(International annealed
		copper standard). Resistivity,
		max, at 20 degree centigrade
		annealed=0.15328 ohm. g/sq.
		meter or 0.01737 ohm. Sa.mm/meter (100% IACS min)
8,2	Suitable metal tag having information mentioned in Clause 8.1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	shall be provided for identification.	