

Reasoned Document for Final Draft of the STR No. TI/STR/014 Revision 06

SN	Clause No. of Draft STR	Description	Comments	Accepted / Not Accepted
1	2.7.i	Digital Epstein Tester with Epstein Bridge or Iron Loss Tester	<p>M/s Vishvas Power</p> <p>Digital Epstein Tester with Epstein Bridge or Iron Loss Tester to be retained in the STR</p> <p>Reason: As Core is an important part of transformer and OEMs cannot just depend on Raw Material supplier TC and should have in-house facility to conduct Watt Loss test on CRGO lamination samples for which Epstein Tester is used. Hence, this critical test equipment which is important for reliability of Transformer core Losses & Grade of CRGO should not be removed from STR.</p>	<p>The comment of the firm is not accepted due to the following reason;</p> <p>Measurement of the W/kg of the CRGO Sheet is not the part of the tests specified in the RDSO Specification. Therefore, this facility is being removed from the STR.</p> <p>Manufacturers may have the facility as their own requirement.</p>
2	2.7.i (b)	AC Generator	<p>AC Generator /Suitable Power supply from E.B.</p> <p>Reason: As Losses which are required to be fed in temperature rise test are high, many OEMs are using Motor-Generator sets or Engine- generator sets to create this power and feed it through intermediate Transformers. If RDSO considers removing A.C. Generator from STR, it is essential to verify that the OEM who is not having Generator should have suitable Voltage level & Maximum Demand of Power supply for Transformers which are to be tested.</p>	<p>AC Generator has not been removed from the STR. Only, it has been shifted from the testing Facilities to M & P.</p> <p>Thus, Accepted / Not Accepted is not applicable on the comment.</p>

	3.1	The vendor should Possess valid ISO 9001 certificate for manufacture of same/similar item at his works address for which approval is sought and it should be broadly covered in the scope of the certification for manufacture and supply.	<p>The vendor should possess valid ISO 9001, 14001 & 45001 Certificate for manufacture of same/similar item at his works address for which approval is sought and it should be broadly covered in the scope of the certification for manufacture and supply. The Test Lab of the vendor should also have ISO 17- 25:2017 certification.</p> <p>Reason: With Quality, sustainability & safety is also important. So the OEM should also have certifications for ISO 14001 & 45001 standards. For ensuring quality in Transformer testing, the Test Lab should have certification for ISO 17025:2017 which is usually done by NABL in India.</p>	<p>The comment of the firm is not accepted due to the following reason:</p> <p>The requirement of the type of ISO certificate is governed by the RDSO's ISO Document for the Vendor approval procedures.</p> <p>As in this document, only ISO 9001 certificate is mentioned, other certificate cannot be made as the part of the STR.</p>
1	11.1 & 11.2	11.1 & 11.2	<p>M/s Kanohar Electricals Limited</p> <p>No deviation in STR No. TI/STR/014 (Rev.06)</p>	Firm has confirmed no deviation.