

		<b>LOVAG DECISION SHEET (LDS)</b>		N°LDS197
				Pag. 1 / 1
References	Standard(s) (incl. year)	IEC 61439-6		Subclause(s): 10.11.5.1
	Subject	Short-circuit withstand strenght on BTS: fixing systems	Submitted by: INRIM	Date: 2018/03/26
Question	<p>When short-circuit tests on busbar trunking system are performed, the IEC 61439-6, par 10.11.5.1 quotes: "The BTS or its parts as necessary to complete the test shall be mounted as in normal use."</p> <p><b>Question:</b> How should the fixing of the BTS be considered? Can straps and ropes be used to keep it still on the test supports or is it necessary to use the fixing system provided by the manufacturer?</p>			
	<p>The IEC 61439-6 product standard states: 10.11.5.1-The BTS or its parts as necessary to complete the test shall be mounted as in normal use. Therefore the fixing system prescribed by the Manufacturer must be used for the test; the test conditions must be reported in the test report.</p>			
Decision	<p>The manufacturer must give, among the data supplied during the test / certification request, also the data that define the "normal use"; if there are more than one solution, all must be made available and the one for testing must be chosen. In any case, the test report must contain the detailed test conditions.</p>			
Date: 2018/08/31		Prepared by: M. Rota		Approved by: ACAE Technical Committee 2018/05/31