

		LOVAG DECISION SHEET (LDS)		N°LDS192
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References	Standard(s) (incl. year)	IEC 62208:2011-08		Subclause(s): 9.7
	Subject	Evaluation of the conformity after the IK test	Submitted by: Lovato Electric S.p.a.	Date: 2017/09/18
Question	<p>After the IK test carried out on an enclosure, its cover shows a permanent deformation like a bump on the surface. This deformation does not affect the performance of the case in the following test (carried out with positive results).</p> <p>Can a permanent deformation of the enclosure be accepted and can we consider the enclosure in compliance with the standard IEC 62208?</p>			
Analysis	<p>The standard IEC 62208 stated that the test IK (Cl. 9.7) shall not permanently damage the product (see also the IEC 62262, Cl. 6.5)</p> <p>The last paragraph of the clause 9.7 stated:</p> <p>“After the test, the enclosure shall continue to provide the IP code and dielectric strength. Removable covers can be removed and reinstalled, doors opened and closed”.</p>			
Decision	The test result, as it is explained, is to be considered positive			
Date:	2017/09/22	Prepared by:	S.Manganaro (ACAE)	Approved by: ACAE Technical Commission of 2017/09/22