



Scope : <b>USER MANUAL TNCD EXD ENCLOSURE</b>			Date : <b>03.05.2007</b>
Rev. <b>C</b>	Checked by : E.T. <i>E.T.</i>	Approved by I.E. <i>I.E.</i>	Page : 1 of 1
Procedure no. : <b>10-CDX-3</b>			

- Important !!!** This manual is intended for empty enclosures. If the enclosure contains electrical equipment the additional documentation must be complied with.
- Marking** A label is attached to the enclosure. Refer to Fig 1. If not otherwise noted with a special label the standard T.amb. -20 to +40 degr. C
- Handling** Due to the weight and nature of the enclosures precautions have to be taken to avoid damages to the equipment and the individual. The enclosures flamepath must be securely protected to avoid damage, all openings that are not sealed is a flamepath.
- Installation/  
Dismantling** When mounting the enclosure ensure that the mounting support is able to take the full weight of the enclosure. If any twisting or bending is likely, use washers or packing plates as necessary before the screws or nuts are tightened.  
**DO NOT OPEN LID BEFORE THE ENCLOSURE IS SECURELY FASTENED AND IN AN UPRIGHT POSITION. CHECK CATALOGUE FOR WEIGHT OF LID AND ACT ACCORDINGLY WHEN HANDLING THE LID. ALSO CHECK IF ENCLOSURE HAS BEEN SUPPLIED WITH HINGED LID.**  
When connecting cables, ensure the incoming cables/wires are isolated from all sources of power. Installation to be performed according standard IEC 60079-14 (NEK 420) and/or the requirements for the actual installation site.  
When connecting cables, ensure the incoming cables/wires are isolated from all sources of power. When removing the enclosure, the same precautions apply as those observed when mounting the enclosure.
- Inspection /  
Maintenance** TNCD enclosures is made of acid resistant stainless steel and thereof not subject to corrosion. Apply copper grease to lid bolt threads and tapered holes, etc.  
We recommend that maintenance is performed in accordance with the IEC 60079-17/60079-1 standards. If the flapaths have evidence of wearing, distortion, corrosion or other damages the diametric clearance must be checked. Technor to be contacted to obtain the valid dimension and clearance. It is vital that threads and o-ring are protected with copper grease or other approved greases after they have been dismantled.  
**No high pressure water to be applied in the connection between lid and enclosure.**  
If any damages is found, the enclosure should be put out of service and the manufacture contacted.  
**For further technical informations is available on [www.technor.no](http://www.technor.no)**

**Fig. 1**

