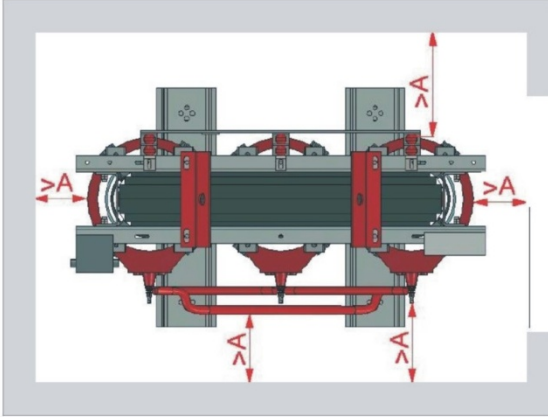
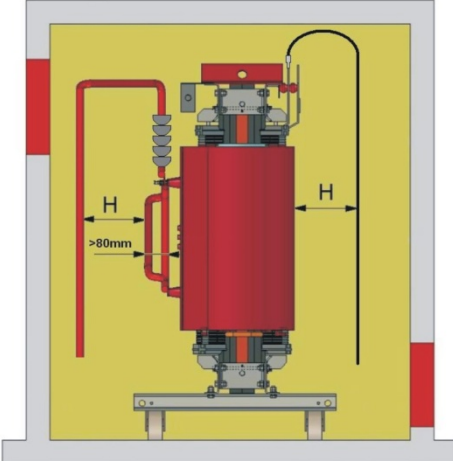


# PARTIAL CHECKLIST FOR CORRECT TRANSFORMER INSTALLATION

Client: \_\_\_\_\_ Plate number: \_\_\_\_\_

Installation site: \_\_\_\_\_ Date: \_\_\_\_\_

STEPS TO FOLLOW	RESULT																		
1. Check that there are not odd parts on the transformers or transformation center (e.g. metal pieces, bolts, etc...).	<input type="checkbox"/> OK <input type="checkbox"/> NOT OK																		
2. HV & LV coils have to be concentric, with spacing blocks, centered and firmly fixed.	<input type="checkbox"/> OK <input type="checkbox"/> NOT OK																		
3. Check the distances between live transformer parts and feeding cables / External metal parts (N.B.: casting coils and triangle connection cables have to be considered live parts):  3.1. Site: Minimum safety distances between transformer and its site. (See table A for distances).  <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  </div> <div style="text-align: center;"> <table border="1" style="border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="background-color: #e0e0e0;">TABLE A</th> </tr> <tr> <th style="font-size: small;">Um (KV)</th> <th style="font-size: small;">A (Mm) Full Wall</th> <th style="font-size: small;">A (mm) Ventilation Grill</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">12</td> <td style="text-align: center;">120</td> <td style="text-align: center;">300</td> </tr> <tr> <td style="text-align: center;">17,5</td> <td style="text-align: center;">220</td> <td style="text-align: center;">300</td> </tr> <tr> <td style="text-align: center;">24</td> <td style="text-align: center;">220</td> <td style="text-align: center;">300</td> </tr> <tr> <td style="text-align: center;">36</td> <td style="text-align: center;">320</td> <td style="text-align: center;">320</td> </tr> </tbody> </table> </div> </div>	TABLE A			Um (KV)	A (Mm) Full Wall	A (mm) Ventilation Grill	12	120	300	17,5	220	300	24	220	300	36	320	320	<input type="checkbox"/> OK <input type="checkbox"/> NOT OK  <input type="checkbox"/> NOT CHECKED
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12	120	300																	
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3.2. How to connect: Minimum distance between LV/HV cables and the surface of the coil. See table B for distances.  <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  </div> <div style="text-align: center;"> <table border="1" style="border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="background-color: #e0e0e0;">TABLE B</th> </tr> <tr> <th style="font-size: small;">Um (KV)</th> <th style="font-size: small;">H (mm)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">12</td> <td style="text-align: center;">120</td> </tr> <tr> <td style="text-align: center;">17,5</td> <td style="text-align: center;">220</td> </tr> <tr> <td style="text-align: center;">24</td> <td style="text-align: center;">220</td> </tr> <tr> <td style="text-align: center;">36</td> <td style="text-align: center;">320</td> </tr> </tbody> </table> </div> </div>	TABLE B		Um (KV)	H (mm)	12	120	17,5	220	24	220	36	320	<input type="checkbox"/> OK <input type="checkbox"/> NOT OK  <input type="checkbox"/> NOT CHECKED						
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## PARTIAL CHECKLIST FOR CORRECT TRANSFORMER INSTALLATION

STEPS TO FOLLOW	RESULT																		
4. Check that the cables and bars are in good condition and make sure that nothing is being pressed onto the bars or connection isolators.	<input type="checkbox"/> OK <input type="checkbox"/> NOT OK																		
5. Check that the auxiliary circuits, protection instruments and ventilation are all correctly installed and working.	<input type="checkbox"/> OK <input type="checkbox"/> NOT OK																		
6. Check the tightness of the connection bolts/screws.	<input type="checkbox"/> OK <input type="checkbox"/> NOT OK <input type="checkbox"/> NOT CHECKED																		
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*1Nm=0.1kgm																			
7. Check the connectivity between the following parts: transformer cable-earth connection, transformer armatures and metal boxes (if applicable).	<input type="checkbox"/> OK <input type="checkbox"/> NOT OK <input type="checkbox"/> NOT CHECKED																		
8. Check the metal enclosure ventilation is not obstructed.	<input type="checkbox"/> OK <input type="checkbox"/> NOT OK																		
9. Check off load tap changer regulation metal plates are in the right position (same for all 3 coils).	<input type="checkbox"/> OK <input type="checkbox"/> NOT OK																		

Note: This document is a SUMMARY of instructions given in the INSTALATION MANUAL ATTACHED.

Notes:

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**CHECK LIST RESULT:**

Correct installation                     
  Re-check Installation (according to the notes above)

Sign: \_\_\_\_\_ Company: \_\_\_\_\_