

CHECKLIST for omission of temperature rise tests

Date: _____

Nippon Kaiji Kyokai _____ Branch Name of manufacturer: _____

Representative transformer:

Factory		Test date for representative transformer: _____	
Item	Total capacity: _____ [kVA] Total number of transformers: _____ (_____ [phase(s)], _____ [kVA]) Voltage(primary / secondary): _____ / _____ [V] Current (primary / secondary): _____ / _____ [A] Thermal class: _____ Dimensions of housing: _____ × _____ × _____ [mm](Total number of transformers: _____) Area of opening: _____ [m ²] No-load loss / No-load current: _____ [W] / _____ [A] (%) Load loss / Impedance voltage: _____ [W] / _____ [V] (%) Total weight: _____ [kg]		
Test result list no.: _____			
Drawing no.: _____			

The items for omission of temperature rise tests in **2.10.6-1, Part 8 of the Rules** [compared to representative transformer] ↓

		(Check if applicable)	
(Ship builder: _____ Ship number: _____ How to use: _____ Product number _____)		Identical	Almost identical
1	Total capacity: _____ [kVA] Total number of transformers: _____ (_____ [phase(s)], _____ [kVA]) Voltage (primary / secondary): _____ / _____ [V] Current (primary / secondary): _____ / _____ [A] Thermal class: _____, Degree of protection: _____	<input type="checkbox"/>	
2	Cooling method: _____, Dimensions of housing: _____ × _____ × _____ [mm]	<input type="checkbox"/>	
3	Area of opening: _____ [m ²], Total weight: _____ [kg]	<input type="checkbox"/>	
4	Material for iron core, composition, production method and accuracy Sizes and species of conductors used for string Types and processing methods for insulating materials (impregnation method, drying method, etc.) Construction of terminals, processing methods for terminals of internal wiring	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
5	Resistance measurements for each winding (primary / secondary): _____ / _____ [Ω] No-load loss / No-load current: _____ [W] / _____ [A] (%) Load loss / Impedance voltage: _____ [W] / _____ [V] (%)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6	The use of subcontracted products is managed by incoming inspection standards Key working standards, equipment, and operator skills with respect to the production method remain the same or have been improved. The facilities, procedures and criteria for testing and inspection are under sufficient management.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

As stated above, we certify that the _____, which are surveyed in this time, is of the same type, manufactured at the same factory and by the same production method as the representative transformer mentioned above.

Testing and Inspection Director: _____