

Transformer Specification Checklist

1. Power Rating Self-Cooled (AA) _____ KVA	<input type="checkbox"/> Three Phase	Frequency: <input type="checkbox"/> 60 Hz Frequency: <input type="checkbox"/> 50 Hz	Windings: <input type="checkbox"/> Aluminum <input type="checkbox"/> Copper				
2. Power Rating Self-Cooled (AA/FA) _____ KVA (If fans are required)	<input type="checkbox"/> Single Phase	Winding Temperature Rise °C <input type="checkbox"/> 150 <input type="checkbox"/> 115 <input type="checkbox"/> 80					
3. Fans Required: 3(a) <input type="checkbox"/> Yes 3(b) <input type="checkbox"/> No							
<input type="checkbox"/> Furnish 1Ø CPT (480V or 208V with fans) <input type="checkbox"/> No CPT: Power for fans and controller by others		<input type="checkbox"/> Provisions for fans (no wiring, no controller) <input type="checkbox"/> Provisions for fans (with wiring, no controller) <input type="checkbox"/> Provisions for fans (with wiring, with controller)					
4. Primary Voltage: _____ Volts <input type="checkbox"/> Delta <input type="checkbox"/> Wye		BIL in KV: _____					
5. Secondary Voltage: _____ Volts <input type="checkbox"/> Delta <input type="checkbox"/> Wye		BIL in KV: _____					
6. Impedance: <input type="checkbox"/> Standard <input type="checkbox"/> Other Specify: _____							
7. HV Taps: <input type="checkbox"/> Standard Full Capacity: (2-2-1/2% Above & 2-2-1/2% Below Rated Primary Voltage) <input type="checkbox"/> Other Taps _____							
8. Electrostatic Shield: <input type="checkbox"/> Yes <input type="checkbox"/> No 9. UL Listing Required: <input type="checkbox"/> Yes <input type="checkbox"/> No 10. NEMA TP-1 Energy Efficiency: <input type="checkbox"/> Yes <input type="checkbox"/> No							
11. K-Factor: <input type="checkbox"/> K1 <input type="checkbox"/> K4 <input type="checkbox"/> K9 <input type="checkbox"/> K13 <input type="checkbox"/> Other 12. Sound Level: <input type="checkbox"/> STD <input type="checkbox"/> Special Sound in db: _____							
13. Enclosure: <input type="checkbox"/> Indoor (NEMA 1) <input type="checkbox"/> Outdoor (NEMA 3R) 13(a). Enclosure - Stainless Steel: <input type="checkbox"/> Yes <input type="checkbox"/> No							
14. Transformer Construction: <input type="checkbox"/> HV General Purpose, HVGP (Cable in and cable out without separate air terminal compartments) <input type="checkbox"/> Motor Drive Isolation Construction <input type="checkbox"/> Pad-Mount Tamper Resistant Low Profile per IEEE C57.12.28 <input type="checkbox"/> Unit Substation Construction							
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Unit Substation Primary Side</th> <th style="text-align: left;">Unit Substation Secondary Side</th> </tr> <tr> <td style="vertical-align: top;"> <input type="checkbox"/> Close Coupled to Switchgear (Flange) <input type="checkbox"/> Full Height Terminal Chamber <input type="checkbox"/> Throat <input type="checkbox"/> Bolted Panel Only </td> <td style="vertical-align: top;"> <input type="checkbox"/> Close Coupled to Switchgear (Flange) <input type="checkbox"/> Full Height Terminal Chamber <input type="checkbox"/> Throat <input type="checkbox"/> Bolted Panel Only </td> </tr> </table>		Unit Substation Primary Side	Unit Substation Secondary Side	<input type="checkbox"/> Close Coupled to Switchgear (Flange) <input type="checkbox"/> Full Height Terminal Chamber <input type="checkbox"/> Throat <input type="checkbox"/> Bolted Panel Only	<input type="checkbox"/> Close Coupled to Switchgear (Flange) <input type="checkbox"/> Full Height Terminal Chamber <input type="checkbox"/> Throat <input type="checkbox"/> Bolted Panel Only		
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15. TESTING:

Standard IEEE C57.12.91	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
QC Impulse	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
IEEE C 57.12.91 Impulse	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Audible Sound	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Heat Run (Temperature)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Partial Discharge	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Other	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Specify _____

16. LIGHTNING ARRESTERS:

Primary <input type="checkbox"/> Distribution KV <input type="checkbox"/> Intermediate KV <input type="checkbox"/> Station KV	Secondary <input type="checkbox"/> Distribution KV <input type="checkbox"/> Intermediate KV <input type="checkbox"/> Station KV
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17. Other Features:

VPI Coils	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
VPI Coil with Epoxy Shield	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Copper Ground Bus	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Altitude Above 3300 Feet	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Altitude in _____ Feet
Digital Temperature Monitor	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Space Heaters With Thermostat	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Dust Filters	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Rodent Proofing	<input type="checkbox"/> Yes	<input type="checkbox"/> No	

18. Losses Needed with Quote Yes No Typical or Guaranteed

19. Dimensions Needed with Quote Yes No

20. Weights Needed with Quote Yes No

21. Ship To Destination:
 City: _____
 State: _____

