

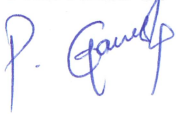
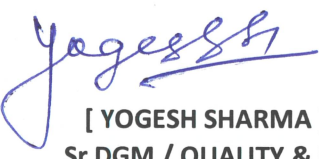


Doc No.: EL/Q/2304/Cat Plan- Rev 01

Date: 22nd March 2021

Categorisation Plan for CPBG items

Category	Inspection terms & item detail
Cat – I	<p>Manufacturers / vendors should submit QAP to M/s BHEL-SBD for approval and raise the inspection call. Pre Dispatch inspection (PDI) will be arranged by BHEL at vendor's' works. Vendor shall submit the Inspection Report / Manufacturer Test Certificates of the component while raising inspection call-</p> <ol style="list-style-type: none">1. LV switchgear Panels(PMCC/MCC/PCC)2. Motor Control Panels3. Rapcon / IOS panels4. Junction boxes5. MIV / PIV electrical control panels6. LV Bus Ducts
Cat – IA	<p>Pre Dispatch inspection (PDI) will be arranged by BHEL at vendor's' works as per SQAP. Vendor shall submit the Inspection Report / Manufacturer Test Certificates of the component while raising inspection call-</p> <ol style="list-style-type: none">1. Thermometer Box2. Enclosures3. ACB4. Numerical Relays5. Electro Magnetic Relays6. CT/PT (current Transformer /Potential Transformer)7. CST (Control Supply Transformer)8. Welding Transformers9. Transducers (Voltage / Current / Frequency/Power)10. Insulation Mat11. Welding Receptacles
Cat-II	<p>Vendor shall submit the Inspection Report / Manufacturer Test Certificates of the component while raising inspection call to obtain quality clearance -</p> <ol style="list-style-type: none">1. Analog & Digital Indicating Meters2. OLR (Overload Relays)3. Cables4. Switches (Control & Select)5. LMS6. APFC Meters. (Automatic Power Factor Correction)7. MCB/MCCB

<p>PREPARED BY</p>  <p>[P GANESH] Dy ENGINEER / QUALITY</p>	<p>APPROVED BY</p>  <p>[YOGESH SHARMA] Sr DGM / QUALITY & BE</p>
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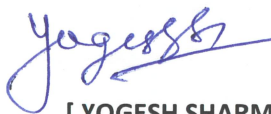


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SOLAR BUSINESS DIVISION, BENGALURU -12

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Cat-II	<ul style="list-style-type: none">8. EMPR (Electronic Motor Protection Relays)9. MFM / KWH / ENERGY METERS10. Bus Bar/Bus Link/Fish Plates (Aluminium, Copper)11. Lugs & Glands12. Single Phase or Three Phase Capacitor Banks13. Interposing Relays14. Loose Modules15. ELCB16. MPCB
Cat-III	<p>Vendor shall submit the COC in prescribed Format available in SQAP while raising inspection call to obtain quality clearance -</p> <ul style="list-style-type: none">1. Terminal Blocks (Power & Control)2. Fuse & Fuse Holder3. Timers4. Push Buttons5. AC/DC Power Contactor/Aux Contactor6. SFU / Isolators / Switch Disconnectors7. Indicating Lamps8. Thermostat9. Space heater10. Socket11. Fastener (Nut & Bolts Hardware's)12. Breaker Handling Trolley.13. Panel Accessories or Draw out Feeder Accessories14. Component Accessories (Knobs or Operating Handles etc.)15. Fibre optic Patch Cord
Mandatory Spares	<ul style="list-style-type: none">1. Vendor has to raise inspection call in CQIR portal after taking inspection agency concurrence from BHEL.2. Inspection will be carried out as per PO, approved BOQ/ BBU, QAP3. Vendor has to furnish applicable inspection report/ TC/COC as mentioned in approved QAP /SQAP for the component4. Vendor has to submit Interchangeability certificate

Note : Vendor shall raise the inspection call in the BHEL online inspection portal (CQIR) <https://cqir.bhel.in> . For any assistance, refer help file available on the portal or follow link [https://cqir.bhel.in/Cqir/jsp/Masters/Help File for suppliers.pdf](https://cqir.bhel.in/Cqir/jsp/Masters/Help%20File%20for%20suppliers.pdf)

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