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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ELGI EQUIPMWNTD LIMITED**    WINDING ASSEMBLY BUILDUP CARD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tpl No: | | | | | Frame Size: | | | | | | | | | | | | | Stator S NO: | | | | | | | | | | | Po No:  Fsb No:  Date: | | | | |
| Steel grade: | | | | | Part No: | | | | | | | | | | | | | Core Length (mm): | | | | | | | | | | |
| KW | |  | | | No of parallel strands | | | | | | | | | | | | | | | | | | Stick length(mm) | | | No:of\_turns | | | U phase Coil wt .(Kg) | | |  | |
|  | |  | | | 01.219mm  (SWG18) | | | | 0.914mm  (SWG 20) | | | | | | | | 0.813mm  (SWG 21) | | | | | |  | | |  | | | V phase coil wt.(Kg) | | |  | |
|  | | | |  | | | | | | | |  | | | | | |
| Connector size (Sq mm) | | | | | Connector make | | | | | | No of crimping Punch | | | | | | Crimping tool type: | | | | | | Die size: | | | | | | W phase coil wt.(Kg) | | |  | |
| ASSEMBLY CHECK LIST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S.no | Check point | | | | | | | | | | | | | | | | | | | | | | | | | Tick ( ) | | | | Operator Name | | | |
| 1 | Check the stator for free from damages pn ID/OD,burrs,rust before assembly.( ) | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |  | | | |
| 2 | No of slots in stator | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| 3 | Ensure there are no damages found in slot insulation paper () | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| 4 | Record slot paper size as per the  specification(mm) | | | | | | | | | Slot Linear Paper | | | | Slot Closing Wedge Paper | | | | | | | | Phase separator | | | |  | | | |  | | | |
|  | | | |  | | | | | | | |  | | | |
| 5 | Check the NO damages found in coil and RTD wire, before insert the coil in slot() | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |  | | | |
| 6 | Phase number | | U1 | | | V1 | | | | | | W1 | | | | | | | | U2 | | | | | | V2 | | | | | W2 | | |
| Spec for 48 slots | | 1 | | | 42 | | | | | | 9 | | | | | | | | 38 | | | | | | 5 | | | | | 46 | | |
|  | | |  | | | | | |  | | | | | | | |  | | | | | |  | | | | |  | | |
| Spec for 36 | | 1 | | | 33 | | | | | | 5 | | | | | | | | 31 | | | | | | 3 | | | | | 35 | | |
| slots | |  | | |  | | | | | |  | | | | | | | |  | | | | | |  | | | | |  | | |
| Phase number | | T1 | T2 | | T3 | | T4 | | | | T5 | | | | T6 | | | | T7 | | | | | T8 | T9 | | T10 | | | T11 | | T12 |
| Nema Spec For 48 Slots | |  |  | |  | |  | | | |  | | | |  | | | |  | | | | |  |  | |  | | |  | |  |
|  |  | |  | |  | | | |  | | | |  | | | |  | | | | |  |  | |  | | |  | |  |
| 7 | Lead wire details | | | | | Size  (sqmm) | | Wire Length | | | | | | | | | | | | | | | | | | | | | | | Operator Name | | |
| U1 (mm) | | | | | V1  (mm) | | W1  (mm) | | | | U2  (mm) | | | | | V2  (mm) | | | W2  (mm) |  | | |  | | |
|  | |  | | | | |  | |  | | | |  | | | | |  | | |  |  | | |
| 8 | Record end leads slot no for | | | | | | | U1  1\_Red tape | | | | | V1 1 1\_Yellow tape | | W1 1\_Blue tape | | | | U2 2\_Red tape | | | | | V2 2\_Yellow tape | | | W2  2\_Blue tape |  | | |
|  | | | | |  | |  | | | |  | | | | |  | | |  |  | | |
| 9 | Check no damages found in coil, before socket crimping () | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| 10 | Check for no wedge paper projection in stator ID before VPI () | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| 11 | Testing before VPI : | | | | | | Testing after VPI : | | | | | | | | | | | | | | Testing Wth Frame: | | | | | | | | | | | | |
|  | PO Closed date : | | | | | | PO Closed by : | | | | | | | | | | | | | |  | | | | | | | | | | | | |
| Remark : | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |