| **SL. NO** | **PARAMETERS / CHARACTERISTICS** | **DRAWING DIMENSION** | **MEASURED DIMENSIONS** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **1** | **2** | **3** | **4** | **5** |
| **A** | **710 HS 02007 – POWER PACK Assembly** | | | |  |  |  |  |  |
| **1** | **ensure AsseMbly of all items as per drawing** | | | |  |  |  |  |  |
| **2.** | **MARK & PUNCH PART NO., ASSY SL. NO. / VC NO. FOR IDENTIFICATION & TRACEABILTY** | | | |  |  |  |  |  |
|  |  | | | |  |  |  |  |  |
| **b** | **710 HS 03044 - POWERPACK BRACKET MAIN ASSY** | | | |  |  |  |  |  |
|  | **ensure AsseMbly of all items as per drawing** | | | |  |  |  |  |  |
|  |  | | | |  |  |  |  |  |
| **C** | **710 HS 03052 – PIN POWERPACK ASSY** | | | |  |  |  |  |  |
|  | **ensure AsseMbly of all items as per drawing** | | | |  |  |  |  |  |
|  |  | | | |  |  |  |  |  |
| **d** | **710 mp 04196 – POWERPACK BRACKET ASSY** | | | |  |  |  |  |  |
| **1** | **All parts are to be cut by Laset cut / Water jet cutting only.** | | | |  |  |  |  |  |
| **2** | **Ensure all fabrication dimensions as per drawing.**  **For ensuring repeatability in dimensions, set up fixtures can be used.**  **Calibration reports of set up fixtures to be produced for verification prior to bulk.** | | | |  |  |  |  |  |
| **3** | **Raw material test report ( for each heat code) from NABL accredited lab to be produced for chemical & mechanical properties. Heat code to be punched on the structures.** | | | |  |  |  |  |  |
| **4** | **Ensure all weld sizes as per drawing.** | | | |  |  |  |  |  |
| **5** | **Carry out Visual inspection and DPT/MPI of all weld joints to ensure free from weld defects, spatters and slag and report to be provided.** | | | |  |  |  |  |  |
| **6** | **Welding is to be carried out by qualified Welders using calibrated welding machines, approved welding consumables and as per WPS inline with BS EN 1011 and reports to be provided.** | | | |  |  |  |  |  |
| **7** | **Surface preparation is to be done by grit/ shot blasting prior to painting.** | | | |  |  |  |  |  |
| **8** | **One coat of Primer Paint and Two coat of Finish painting is to be carried out as per drawing and all machined surfaces are to be protected with rust preventive / to be masked. For each batch of painting, sample plate of size 6”x6” to be provided for scratch test.** | | | |  |  |  |  |  |
| **9** | **Part Number, Sl. No. VC No & Heat code number are to be punched for identification.** | | | |  |  |  |  |  |
| **10** | **All measuring instruments used are to be calibrated and calibration reports are to be provided.** | | | |  |  |  |  |  |
| **11** | **During initial batch, the completed structure is to be weighed and weighment report to be provided for confirmation.** | | | |  |  |  |  |  |
| **12** | **During Initial batch, One fabricated structure selected at random will be destructive tested across weld joints to ensure welding quality ( root & side wall fusion) of various joints prior to bulk. During bulk, atleast one number of fabricated structure randomly selected will be subjected to destructive testing to ensure confirmation of welding quality.**  **Cost of destructive tested structures ( pilot & bulk) is to be borne by the Supplier.** | | | |  |  |  |  |  |
|  |  | | | |  |  |  |  |  |
| **II** | **MATERIAL ASPECTS** | **Ensure Material aspects as per the respective drawings.** | | | | | | | |
| **III** | **VISUAL ASPECTS** | **1. ENSURE FREE FROM SHARP EDGES.**  **2. ENSURE NO PHYSICAL DAMAGES ARE FOUND.**  **3. ENSURE PROPER PACKING PRIOR TO DESPATCH TO AVOID TRANSIT DAMAGES** | | | | | | | |
| **STATUS** | | **ACCEPTED** | | **REJECTED** | | | | | |
| **INSPECTED BY** | |  | | | | | | | |
| **APPROVED BY** | |  | | | | | | | |