|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Customer** | | | Madeira Drive | **CIWS WO Number** | | 35293 | | |
| **MD ID Number** | | BP2 – TRIAL | | |
| **Component Type** | | Balustrade Panel | | |
|  | |  | | |
|  | |  | | |
|  | | |  |  | | | | |
| **Inspection Criteria** | | |  | **Results** | | | **Notes** | |
|  | | **Check tag attached to component** | |  | | |  | |
| 1 | | MPI | | Yes – identify findings below | | | **Insert Date of Inspection: 18/05/23** | |
| 2 | | Measurements taken | | Yes– insert measurements as shown. | | | A = 485mm  B = 239mm | |
| 3 | | Identify any cracks mark on casting with yellow pen and mark on drawing.  Drill hole where marked in blue to 6mm dia x 10mm depth – note findings | | Diagram, engineering drawing  Description automatically generated  See notes  Open original defect from casting | | | Small crack on top  Drilled hole to determine any defects internally 10mm depth 10mm dia all clear (assumption is the defects rise to the surface during casting production and leaves open defect on surface) *Photo 3* | |
| 4 | | Check for pitting corrosion >5mm in depth and >5mm in diameter mark on casting with yellow pen and mark on drawing | | Diagram, engineering drawing  Description automatically generated | | | None | |
| 5 | | Check for decorative repair mark with yellow pen on casting and mark on drawing | | Diagram, engineering drawing  Description automatically generated | | | OK | |
| 6 | | Identify any damaged threads if any mark on casting and on drawing.  Also need measure thread diameters  Detail any other defective area to include cracks propagating to surface lamination | | Diagram, engineering drawing  Description automatically generated | | | Thread Diameters :  None | |
| 7 | | Photo taken once inspection complete, and all areas marked take multiple photos of defect areas | | Yes  Min 2  Max 4 | | |  | |
| Pre-Repair Photographs: | | | | | | |
|  | | | |  | | |
| Photo 1: | | | | Photo 2: | | |
| PHOTO-2023-06-08-13-39-32.jpg | | | |  | | |
| Photo 3: | | | | Photo 4: | | |
| Post Repair Photographs: | | | | | | |
| MPI Date:  Weld Date:  Welder:  DPI Date: | | | | | | |
|  | | | |  | | |
| Photo 1: | | | | Photo 2: | | |
|  | | | |  | | |
| Photo 3: | | | | Photo 4: | | |
|  | | | |  | | |