|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Customer** | | | Madeira Drive | **CIWS WO Number** | | 35295 | | |
| **MD ID Number** | | SP1 - TRIAL | | |
| **Component Type** | | Spandrel Panel | | |
|  | |  | | |
|  | |  | | |
|  | | |  |  | | | | |
| **Inspection Criteria** | | |  | **Results** | | | **Notes** | |
|  | | **Check tag attached to component** | |  | | |  | |
| 1 | | MPI | | Yes – identify findings below | | | **Insert Date of Inspection 31/05/23** | |
| 2 | | Measurements taken | | Yes– insert measurements as shown. | | | A = 2515 mm  B = 2230mm | |
| 3 | | Identify any cracks mark on casting with yellow pen and mark on drawing | | Diagram, engineering drawing  Description automatically generated | | | Cracks found two locations on lefthand side and missing section on righthand side of section | |
| 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 | | | Corrosion on decorative side  Eroded bolt hole | |
| 5 | | Check for decorative repair mark with yellow pen on casting and mark on drawing | | Diagram, engineering drawing  Description automatically generated | | | Small corrosion | |
| 6 | | Identify any damaged bolt holes mark on casting and on drawing.  Detail any other defective area to include cracks propagating to surface lamination.  **Ensure screw bolts are removed and retained.** | | Diagram, engineering drawing  Description automatically generated | | | Thread Diameters :  Screw bolt stuck – once pre-heated for repairs bolt expected to become loose | |
| 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 3: | | |
|  | | | |  | | |
| Photo 4: | | | | Photo 5: | | |
| Post Repair Photographs: | | | | | | |
| MPI Date:  Weld Date:  Welder:  DPI Date: | | | | | | |
|  | | | |  | | |
| Photo 1: | | | | Photo 2: | | |
|  | | | |  | | |
| Photo 3: | | | | Photo 4: | | |
|  | | | |  | | |