|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Customer** | | | Madeira Drive | **CIWS WO Number** | 35300 | | | |
| **MD ID Number** | SM2 – Trial H26 | | | |
| **Component Type** | Spandrel Mask – Amphitrite | | | |
|  |  | | | |
|  |  | | | |
|  | | |  |  | | | | |
| **Inspection Criteria** | | |  | **Results** | | | **Notes** | |
|  | | **Check tag attached to component** | |  | | |  | |
| 1 | | MPI | | Yes – identify findings below | | | **Insert Date of Inspection : 02/06/2023** | |
| 2 | | Measurements taken | | Yes– insert measurements as shown. | | | A = 61cm  B = 56cm | |
| 3 | | Identify any cracks mark on casting with yellow pen and mark on drawing | |  | | | Missing pieces from bolt holes  Female Mask has 1 bolt hole cracked. | |
| 4 | | Check for pitting corrosion >5mm in depth and >5mm in diameter mark on casting with yellow pen and mark on drawing | |  | | | Ok | |
| 5 | | Check for decorative repair mark with yellow pen on casting and mark on drawing | |  | | | Ok | |
| 6 | | Identify any damaged threads if any mark on casting and on drawing.  Also need measure thread diameters  Detail any damaged bolt holes  Detail any other defective area to include cracks propagating to surface lamination and missing architectural decoration  Also identify missing sections  **Remove bolt and retain (looks like a lemon squeezer – need to try and retain as much as possible so careful removal required)** | |  | | | Thread Diameters :  N/A  Bolt removed *see photo 2* | |
| 7 | | Photo taken once inspection complete, and all areas marked take multiple photos of defect areas | | Yes  Min 2  Max 4 | | |  | |
| Pre-Repair Photographs: | | | | | | |
|  | | | | | b18366cd-3c25-40b3-b2e6-77f98f92c8a7.JPG | |
| Photo 1: | | | | | Photo 2: | |
|  | | | | |  | |
| Photo 3: | | | | | Photo 4: | |
| Post Repair Photographs: | | | | | | |
| MPI Date:  Weld Date:  Welder:  DPI Date: | | | | | | |
|  | | | | |  | |
| Photo 1: | | | | | Photo 2: | |
|  | | | | |  | |
| Photo 3: | | | | | Photo 4: | |
|  | | | | |  | |