1. **DATA PERALATAN**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TYPE OF INSP. | : ONSTREAM/ OFFSTREAM | | | |
| AREA/TAG. NO | : | NAME | : | |
| TYPE | : | | | |
| DESIGN CODE | : | | | |
| DESIGN DATA | SHELL | | | TUBES |
| FLUID/ SERVICE |  | | |  |
| DESIGN PRESS. |  | | |  |
| DESIGN TEMP. |  | | |  |
| OPERATING PRESS. |  | | |  |
| OPERATING TEMP. |  | | |  |
| HYDROTEST PRESS. |  | | |  |
| MATERIAL |  | | |  |
| SIZE |  | | |  |

1. **HASIL PEMERIKSAAN**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NO** | **PART DESCRIPTION** | | **DAMAGE MODE\*** | **DAMAGE CONDITION** | |
| 1 | FOUNDATION | |  |  | |
|  | a | FOUNDATION |  |  | |
|  | b | SUPPORT SADLE |  |  | |
|  | c | FIREPROOFING |  |  | |
|  | d | GROUNDING |  |  | |
| 2 | CHANNEL | |  |  | |
|  | a | CHANNEL COVER (if any) |  |  | |
|  | b | BONNET HEAD |  |  | |
|  | c | BONNET NOZZLE |  |  | |
|  | d | GASKET FACE |  |  | |
| 3 | FLOATING HEAD (if any) | |  |  | |
|  | a | FLOATING HEAD COVER |  |  | |
|  | b | FLOATING HEAD (if any) |  |  | |
|  | c | BONNET HEAD |  |  | |
|  | d | BONNET NOZZLE (if any) |  |  | |
|  | e | GASKET FACE |  |  | |
| 4 | SHELL | |  |  | |
|  | a | SHELL BODY |  |  | |
|  | b | SHELL FLANGE |  |  | |
|  | c | SHELL NOZZLE |  |  | |
|  | d | GASKET FACE |  |  | |
| 5 | TUBE BUNDLE | |  |  | |
|  | a | TUBE SHEET |  |  | |
|  | b | TUBE & TUBE END |  |  | |
|  | c | BAFFLE, IMPINGMENT, SPACERS, TIE RODS |  |  | |
| 6 | PROTECTIVE COATING/PAINT | |  |  | |
| 7 | INSULATION | |  |  | |
| 8 | BOLT&NUT | |  |  | |
| 9 | SPESIFIC PART (EXPANSION JOINT, ANODIC PROTECTION, etc) | |  |  | |
| **INSPECTION SUMMARY :** | | | | | |
| **INSPECTED BY:** | | | **INSPECTION DATE:** | | **REVIEWED/APPROVED BY:** |
|  | | |  | |  |

\* Damage Mode : Corrosion (general/localized pitting/widely pitting/eroded ect.), leak, crack, deform, broken ect.

\*\* Internaly inspected or offstream only.

**3.1 DOKUMENTASI KERUSAKAN**

|  |  |
| --- | --- |
| E:\Kerjaan\PT. Pertamina\Reporting\Turn Around\PCM Okt 13\Report PCM Okt 13\24-C-102\Internal 11 Okt 13\DSC08622.JPG | *Ukuran photo 60x85mm (atau sesuai kebutuhan)* |
| Internal pipa nozzle N3 reboiler return mengalami korosi erosi cukup berat dengan kedalaman ±3-4mm luas 20x30cm. | *Diisi dengan keterangan : Lokasi rusak, mode kerusakaan, tingkat kerusakan, ukuran/area,* |
|  |  |
|  |  |
|  |  |
|  |  |

**3.2 SKETCH KERUSAKAN**

|  |
| --- |
| *Diisi dengan sketch lokasi pemeriksaan atau lokasi kerusakan/perbaikan yang dilakukan* |
| **INSPECTION/DAMAGE NOTE:**  *Diisi dengan catatan kerusakan/temuan pemeriksaan atau lokasi perbaikan.* |