1. **DATA PERALATAN**

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| --- | --- | --- |
| TYPE OF INSP. | : ONSTREAM/ OFFSTREAM | |
| AREA/TAG. NO | : UTL/52-B-101A | |
| SERVICE | : STEAM BOILER | |
| DESIGN CODE | : | |
|  | RADIANT SECTION | CONVECTION SECTION |
| DESIGN PRESSURE | : |  |
| DESIGN TEMPERATURE | : 471°C/533 C |  |
| MATERIAL | : CRUDE |  |
| SIZE/THICKNESS | : STEAM |  |

**HASIL PEMERIKSAAN**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NO** | **PART DESCRIPTION** | **DAMAGE MODE\*** | **DAMAGE CONDITION** | |
| 1 | FOUNDATION & SUPPORTS |  | LOKASI KERUSAKAN, UKURAN KERUSAKAN TINGKAT KERUSKAAN . | |
|  | 1. CONCRETE |  |  | |
|  | 1. STEEL STRUCTURE |  |  | |
|  | 1. LADDER, PLATFORM & DECK PLATE |  |  | |
| 2 | CASING / THERMOGRAPHY |  |  | |
|  | 1. INSULATION |  |  | |
|  | 1. COATING |  |  | |
|  | 1. THERMOGRAPHY |  |  | |
| 3 | RADIANT SECTION |  |  | |
|  | 1. TUBES ( LEWAT PEEP HOLE ) |  |  | |
|  | 1. REFACTORY, FIRE BRICK |  |  | |
|  | 1. TUBE SUPPORT & GUIDES |  |  | |
|  | 1. SNUFFING STEAM NOZZLES |  |  | |
|  | 1. BURNER SET / FLAME PATTERN |  |  | |
|  | 1. PEEP HOLE |  |  | |
| 5 | AIR&FLUE GAS DUCT |  |  | |
|  | 1. REFACTORY |  |  | |
|  | 1. BREECH CASING |  |  | |
| 6 | STACK & DAMPER |  |  | |
|  | 1. STACK CASING |  |  | |
|  | 1. STACK ANCHOR BOLT |  |  | |
|  | 1. STACK REFACTORY / CASING |  |  | |
|  | 1. DAMPER BLADES |  |  | |
|  | 1. DAMPER SHAFT |  |  | |
|  | 1. DAMPER CONTROL & VALVE |  |  | |
| 7 | PSV |  |  | |
| 8 | SOOT BLOWER |  |  | |
| 9 | BLOWDOWN EQUIPMENT |  |  | |
|  | 1. CONTINUES BLOWDOWN DRUM |  |  | |
|  | 1. INTERMITTEN BLOWDOWN DRUM |  |  | |
| **10** | SUPERHEATER |  |  | |
| 11 | ECONOMIZER |  |  | |
| 12 | WATER & STEAM DRUM |  |  | |
|  | 1. INSULATION |  |  | |
|  | 1. LEVEL GLASS |  |  | |
| 13 | LAIN-LAIN |  |  | |
|  | 1. KONDISI KABEL GROUNDING |  |  | |
|  |  |  |  | |
| **INSPECTION SUMMARY :** | |  | | |
| **INSPECTED BY:** | | **INSPECTION DATE:** | | **REVIEWED/APPROVED BY:** |
|  | |  | |  |

**3.1 DOKUMENTASI KERUSAKAN**

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| --- | --- |
|  |  |
| 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,* |
|  |  |
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|  |  |
|  |  |

**3.2 SKETCH KERUSAKAN**

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