INSPECTION CHECKLIST
FURNACE

STATIONARY INSPECTION ENGINEER
PT. PERTAMINA (PERSERO) REFINERY UNIT VI
No.

I. DATA PERALATAN

TYPE OF INSP.	: ONSTREAM/ OFFSTREAM	MATERIAL TUBE:		
AREA/TAG. NO	: CDU/11-F-101	RADIANT COIL		CONVECTION
DESIGN CODE	: API STD 530	INLET	OUTLET	
DESIGN PRESSURE	:			
MAX TUBE WALL TEMP°C	: 471°C/533 C			
FLUIDA SERVICE RADIANT	: CRUDE			
FLUIDA SERVICE CONVECTION	: STEAM			
FLUIDA GAST TEMP LEAVING RADIANT	: FUEL GAS 843°C/FUEL OIL 829°C			
FLUIDA GAS TEMP. LEAVING CONV.	: FUEL GAS 374°C/FUEL OIL 350°C			

HASIL PEMERIKSAAN

NO	PART DESCRIPTION	DAMAGE MODE*	DAMAGE CONDITION
1	FOUNDATION & SUPPORTS		
	a. CONCRETE		
	b. FIRE PROOFING		
	c. STRUCTUR STEEL		
2	CASING / THERMOGRAPHY		
	a. RADIANT (MAX 82°C)		
	b. CONVECTION (MAX 82°C)		
	c. STACK		
3	BURNER ASSEMBLY		
	a. AIR REGISTER		
	b. FLAME PATTERN		
4	RADIANT SECTION		
	a. TUBES *		
	b. REFACTORY		
	c. TUBE SUPPORT & GUIDES		
	d. SNUFFING STEAM NOZZLES		
	e. BRIDGE WALL		
5	CONVETION SECTION		
	a. TUBES		
	b. REFACTORY		
	c. TUBE GUIDE / HANGER		
5	DUCT		
	a. REFACTORY		
	b. BREECH CASING		

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6	STACK		
	a. STACK CASING		
	b. STACK ANCHOR BOLT		
	c. STACK REFACTORY / CASING		
7	EXPLOTION DOOR		
8	DAMPER		
	a. DAMPER BLADES		
	b. DAMPER SHAFT		
	c. DAMPER CONTROL & VALVE		
	d. DAMPER WIRE		
9	SOOT BLOWER		
10	AIR PREHEATER		
11	IDF/FDF		
12	OTHER :		
	- GASKET		
	- BAUT - BAUT		

INSPECTION SUMMARY :		
INSPECTED BY:	**INSPECTION DATE:**	**REVIEWED/APPROVED BY:**

III. LAMPIRAN

3.1 DOKUMENTASI KERUSAKAN

III. LAMPIRAN

3.2 SKETCH KERUSAKAN

Diisi dengan sketch lokasi pemeriksaan atau lokasi kerusakan/perbaikan yang dilakukan

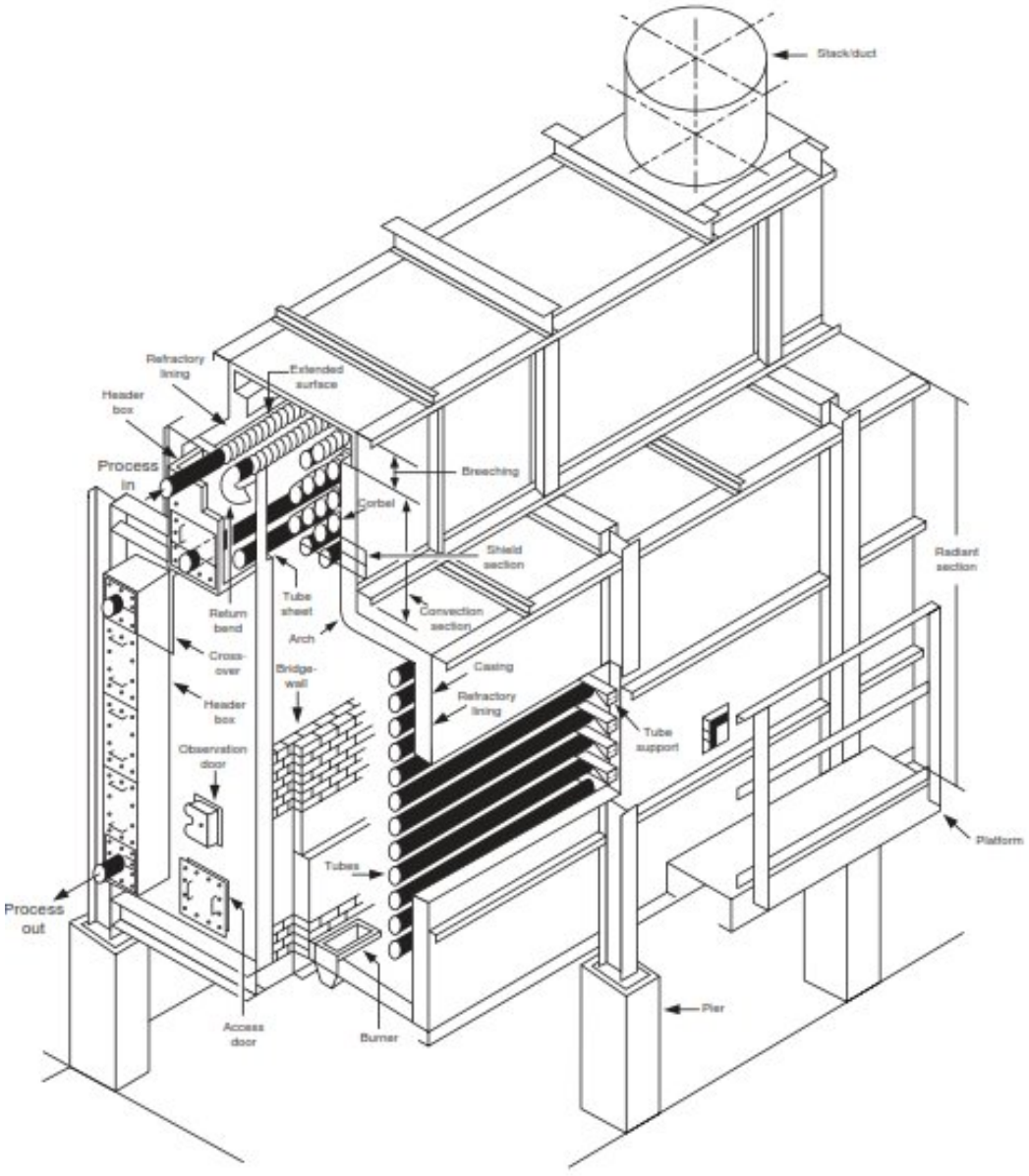

Figure 2—Box-type Heater with Horizontal Tube Coil Showing Main Components

INSPECTION/DAMAGE NOTE:

Diisi dengan catatan kerusakan/temuan pemeriksaan atau lokasi perbaikan.