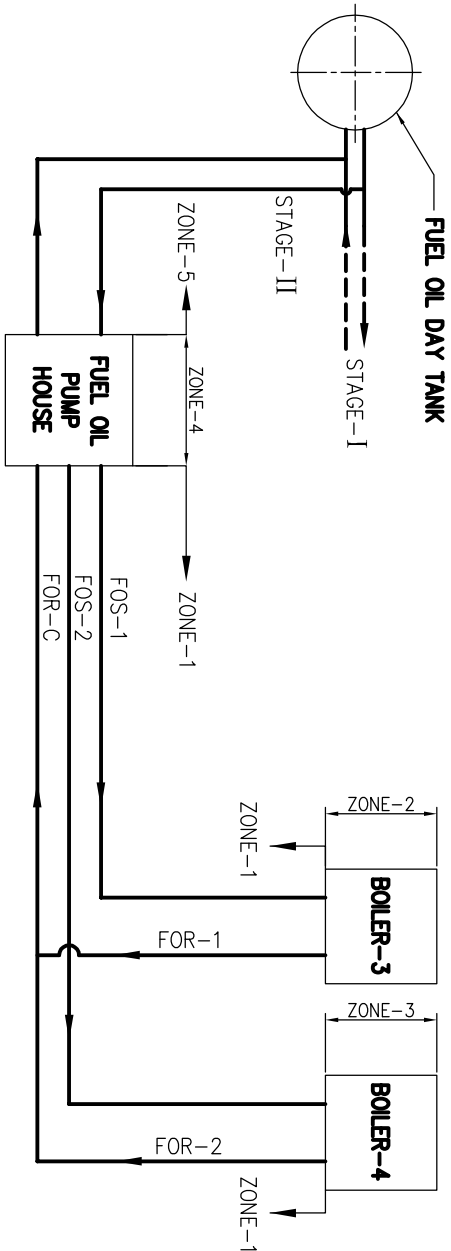



94710-174-18-3


ON DRAWING



- LEGEND :**
- FOS-1 : FUEL OIL SUPPLY LINE TO BOILER-3
  - FOS-2 : FUEL OIL SUPPLY LINE TO BOILER-4
  - FOR-1 : FUEL OIL RETURN LINE FROM BOILER-3
  - FOR-2 : FUEL OIL RETURN LINE FROM BOILER-4
  - FOR-C : FUEL OIL COMMON RETURN LINE

**NOTES :**

- 01) ENTIRE E.H.T IS DIVIDED IN TO VARIOUS ZONES FOR POWERING PURPOSE
- 02) **ZONE-1** E.H.T. AND ACCESSORIES ARE SUPPLIED BY BHEL-PC
- 03) **ZONE-2** E.H.T. AND ACCESSORIES ARE SUPPLIED BY BHEL-TRICHY
- 04) **ZONE-3** E.H.T. AND ACCESSORIES ARE SUPPLIED BY BHEL-TRICHY
- 05) **ZONE-4** E.H.T. AND ACCESSORIES ARE SUPPLIED BY BHEL-TRICHY
- 06) **ZONE-5** E.H.T. AND ACCESSORIES ARE SUPPLIED BY BHEL-PC
- 07) **POWER DISTRIBUTION PANEL-1 SUPPLIED BY BHEL-PC,**  
POWERS THE E.H.Ts IN **ZONE-1**  
THIS PANEL IS LOCATED IN ESP CONTROL ROOM
- 08) **POWER DISTRIBUTION PANEL-2 & PANEL-3 SUPPLIED BY BHEL-TRICHY,**  
POWERS THE E.H.Ts IN **ZONE-2 & ZONE-3**  
THESE PANELS ARE LOCATED IN RESPECTIVE BOILER OPERATING FLOORS
- 09) **POWER DISTRIBUTION PANEL-4 SUPPLIED BY BHEL-PC**   
POWERS THE E.H.Ts IN **ZONE-4 & ZONE-5**  
THIS PANEL IS LOCATED IN FUEL OIL PUMP HOUSE

SL.NO	PANEL DESIGNATION	LOCATION OF PANEL	PANEL SCOPE	MAIN IN COMING POWER SUPPLY	
				RATING	SCOPE
01	ZONE-1 PANEL	ESP CONTROL ROOM	BHEL (PC)	<b>** 62 KVA</b> 415V, 3Ph, 3 WIRE	BHEL-PEM
02	ZONE-2 PANEL	BOILER OPERATING FLOOR	BHEL (T)	<b>***</b> 415V, 3Ph, 3 WIRE	BHEL-PEM
03	ZONE-3 PANEL	BOILER OPERATING FLOOR	BHEL (T)	<b>***</b> 415V, 3Ph, 3 WIRE	BHEL-PEM
04	ZONE-4 & ZONE-5 PANEL	FUEL OIL PUMP HOUSE	BHEL (PC) 	<b>***</b> 415V, 3Ph, 3 WIRE	BHEL-PEM


CAUTION

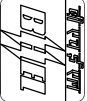
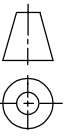
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**\*\*** FEEDER RATING INDICATED IS TENTATIVE  
FINAL RATING WILL BE FURNISHED AFTER FINALIZING FUEL OIL LAYOUT & E.H.T VENDOR

**\*\*\*** FEEDER RATING TO BE FURNISHED BY BHEL-T

REV	DATE	ALTERED	REV	DATE	ALTERED	EL.
02	24.11.05	APPROVED	01	14.03.05	APPROVED	RP
ZONE	PDP in POPH area in BHEL-PC		ZONE	FEEDER RATING ALTERED REVISION MARKED AS 		

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		GHTP LEHRA MOHABAT UNIT 3 & 4, 2 x 250 MW PUNJAB STATE ELECTRICITY BOARD			
 BHARAT HEAVY ELECTRICALS LTD., PIPING CENTRE, CHENNAI 600 017		NAME	SIGN	DATE	NO OF ITEMS
DEPT. GRADE OF UN TOL. DIM C/M/F		PRPD ELOGANATHAN	-sd-	22.11.04	
 SCALE		CHD R.PRABHA	-sd-	22.11.04	
CODE		APPD G.R.SRINIVASAN	-sd-	22.11.04	
TITLE BASIC SCOPE OF E.H.T FOR FUEL OIL LINES		WEIGHT (Kg.)	REF TO ASSY / OLD DRG		ITEM No.
CARD CODE U 01		DRAWING No.	3-81-441-01446		REV 02

CUST. NO

0349 & 0350