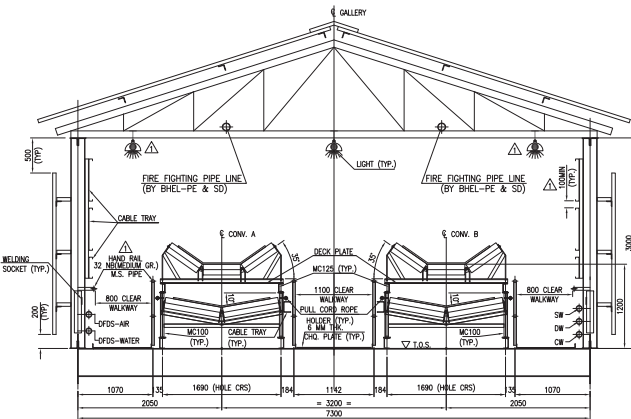


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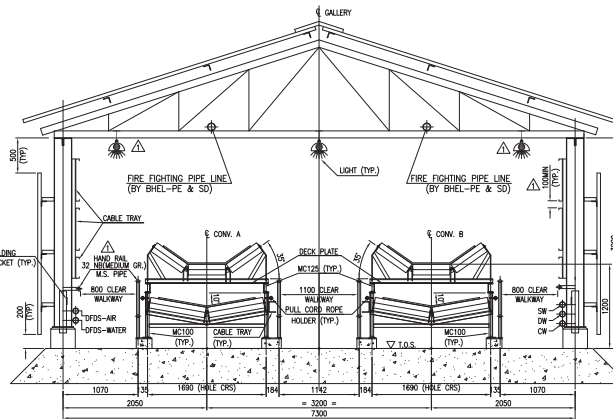
DW 360 1346

ALL DIMENSIONS ARE IN MM

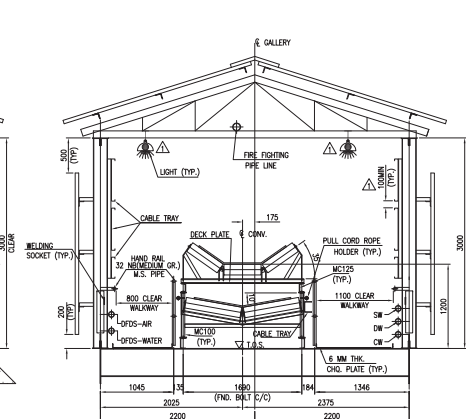
DO NOT SCALE. IF IN DOUBT, ASK.



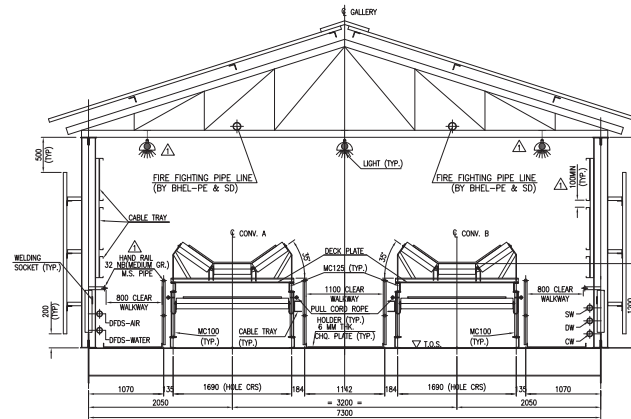
TYPICAL GALLERY CROSS SECTION
FOR DOUBLE CONVEYOR HORIZONTAL LENGTH > 400 M
(1400 BELT WIDTH) (LOOKING FROM TAIL END SIDE)



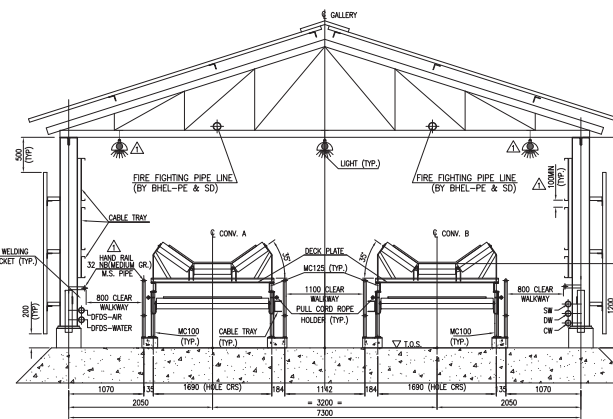
TYPICAL GROUND PORTAL CROSS SECTION
FOR DOUBLE CONVEYOR HORIZONTAL LENGTH > 400 M
(1400 BELT WIDTH) (LOOKING FROM TAIL END SIDE)



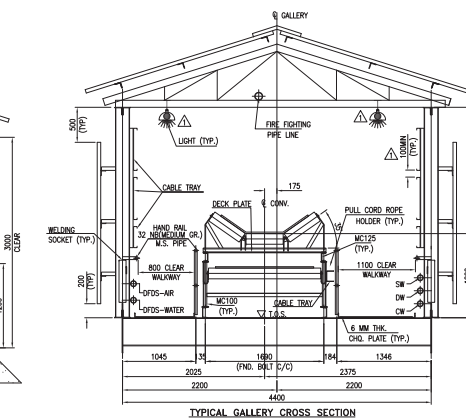
TYPICAL GALLERY CROSS SECTION
FOR SINGLE CONVEYOR HORIZONTAL LENGTH > 400 M
(1400 BELT WIDTH) (LOOKING FROM TAIL END SIDE)



TYPICAL GALLERY CROSS SECTION
FOR DOUBLE CONVEYOR HORIZONTAL LENGTH < 400 M
(1400 BELT WIDTH) (LOOKING FROM TAIL END SIDE)



TYPICAL GROUND PORTAL CROSS SECTION
FOR DOUBLE CONVEYOR HORIZONTAL LENGTH < 400 M
(1400 BELT WIDTH) (LOOKING FROM TAIL END SIDE)



TYPICAL GALLERY CROSS SECTION
FOR SINGLE CONVEYOR HORIZONTAL LENGTH < 400 M
(1400 BELT WIDTH) (LOOKING FROM TAIL END SIDE)

GENERAL NOTE:

- 1) ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
- 2) ALL CIVIL/STRUCTURAL/ELECTRICAL/UTILITY ARRANGEMENTS SHOWN HERE ARE INDICATIVE ONLY. FOR ANY FURTHER INFORMATION, REFER RESPECTIVE CIVIL/STRUCTURAL/ELECTRICAL/UTILITY DRAWINGS.
- 3) MINIMUM 3.15 mm THK DECK PLATE SHALL BE PROVIDED THROUGH OUT THE CONVEYOR.
- 4) MINIMUM 3.15 mm THK SEAL PLATE SHALL BE PROVIDED AT ROAD & RAIL CROSSING, GALLERY CROSSING, BUILDING/TRANSFER POINT CROSSING, MAIN PLANT AREA.
- 5) WALKWAY SHALL BE PROVIDED WITH CHECKERED PLATE 10 mm DIA TOP AND SLOD STEEL BAR SHALL BE PROVIDED @500 mm FOR INCLINED WALKWAYS BELOW 8 DEGREE, FOR 8 DEG. AND ABOVE WALKWAYS SHALL BE STEPPED.
- 6) CROSSOVER TO BE PROVIDED AT AN INTERVAL, NOT EXCEEDING 100 METERS.
- 7) MIN. 8 M CLEARANCE SHALL BE CONSIDERED AT ROAD AND RAIL CROSSING.
- 8) FOR LOCATION OF CONVEYOR, POST ALONG THE CONVEYOR REFER G.A. DRAWING.
- 9) ADEQUATE NO. OF WINDOWS SHALL BE PROVIDED FOR NATURAL VENTILATION AND LIGHTING IN GALLERY.
- 10) SW - SERVICE WATER; CW - COOLING WATER; DW - DRINKING WATER.
- 11) GALVALUME COLOUR COATED SHEETS SHALL BE PROVIDED ON SIDES.
- 12) AT ROOF, GALVALUME COLOUR COATED SHEETS SHALL BE PROVIDED WITH ONE SHEET OF 2MM THK FIRE & FIRE RESISTANT POLYCARBONATE SHEET AT EVERY RAIL.
- 13) OTHER DETAILS RELATED TO SHEETING SHALL BE INDICATED IN CIVIL/STRUCTURAL DRAWINGS.
- 14) HORIZONTAL & VERTICAL RUNS OF CABLE TRAYS SHALL BE SUPPORTED AT EVERY 1500MM AND 1000MM RESP.

LOAD DATA

FIRE WATER PIPELINE EACH
150 NB = 40 KG/M
100 NB = 30 KG/M

SW, CW, DW, & OSS WATER &
AIR PIPE = EACH 40 KG/M

LIGHTING = 45KG PER SECTION OF 3 METERS.
CABLE TRAY = 40 KG/M PER TRAY



SHARAT HEAVY ELECTRICALS LTD
INDUSTRIAL SYSTEMS GROUP
(COAL HANDLING PLANT)

This approval status shall be interpreted as laid down in the contract and it shall not relieve the contractor from the contractual obligation.
Reviewed & Submitted for

CAT: Approval
CAT: Information
CAT: Reference

Name
Malikarjun Nayak
Sr.Engineer
Bharat Heavy Electricals Limited
56-80 1A CHP
Bangalore-560012

ME

TELANGANA STATE POWER GENERATION CORPORATION LTD.
HYDERABAD - TELANGANA, INDIA

DESEIN PRIVATE LIMITED

BHADRADRI THERMAL POWER STATION
4 X 270 MW, UNITS-1 TO 4, MANUGURU, TELANGANA, INDIA

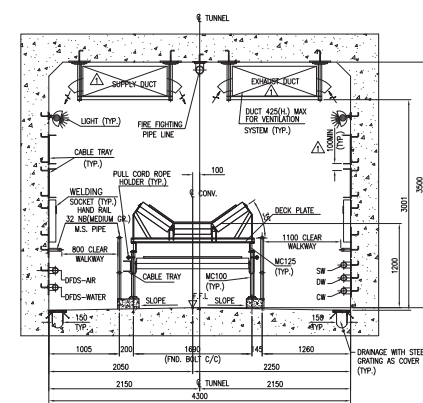
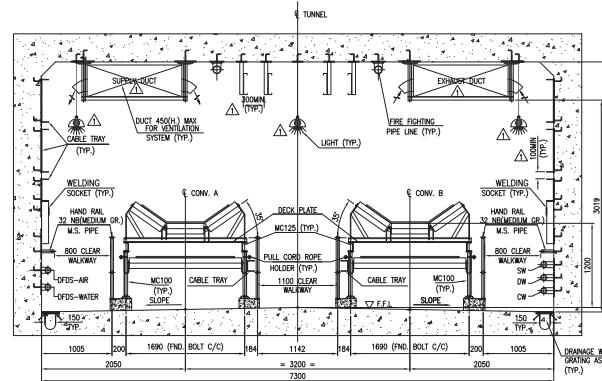
BHARAT HEAVY ELECTRICALS LIMITED
INDUSTRIAL SYSTEMS GROUP
ISG-BANGALORE

TITLE :
TYPICAL CROSS SECTION OF CONVEYOR GALLERY & TUNNELS

SCALE: BHEL JOB NO. IS-1-14-2007 BHEL-15G IS-1-GA-691-100-M003

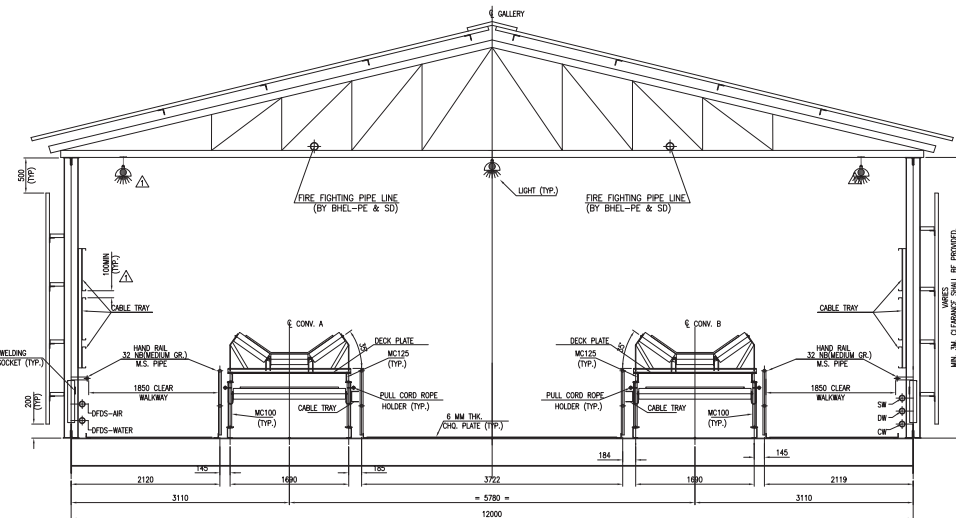
NO.	REVISIONS	FOR APPROVAL	DATE	BY	APPD
1	15.08.15	REVIEWED AS PER TENDERS/DESIGN COMMENTS			
2		BRIEF RECORD			

NO.	NAME	SIGN	DATE	REV
01	DRN		12.05.15	01
02	CHK		12.05.15	02
03	APP		12.05.15	03
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**TYPICAL TUNNEL CROSS SECTION
FOR DOUBLE CONVEYOR**
(1400 BELT WIDTH) (LOOKING FROM TAIL END SIDE)

TYPICAL TUNNEL CROSS SECTION
FOR SINGLE CONVEYOR
(1400 BELT WIDTH) (LOOKING FROM TAIL END SIDE)



GALLERY CROSS SECTION
FOR BUNKER CONVEYOR HORIZONTAL
(1400 BELT WIDTH) (LOOKING FROM TAIL END SIDE)
NOT IN TRIPPER TRAVEL REGION

25.06.15	REVISED AS PER TSGENCO/DESEIN COMMENTS,	DUR
0	FOR APPROVAL	DUR
R.No:	DATE	BY
REVISIONS		

		TELANGANA STATE POWER GENERATION CORPORATION LTD. HYDERABAD – TELANGANA, INDIA																											
		DESEIN PRIVATE LIMITED																											
		BHADRAI THERMAL POWER STATION 4 X 270 MW, UNIT-1 TO 4, MANUGURU, TELANGANA, INDIA																											
		BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL SYSTEMS GROUP ISG-BANGALORE		<table><tr><th>NAME</th><th>SIGN</th><th>DATE</th><th>REV.</th></tr><tr><td>DRN</td><td>OUT</td><td>12.05.15</td><td>00</td></tr><tr><td>CHK</td><td>MNK</td><td>12.05.15</td><td>01</td></tr><tr><td>APP</td><td>RSP/ASG</td><td>12.05.15</td><td>02</td></tr><tr><td colspan="3">TOTAL SHEETS</td><td>02</td></tr><tr><td colspan="3"></td><td>01</td></tr></table>		NAME	SIGN	DATE	REV.	DRN	OUT	12.05.15	00	CHK	MNK	12.05.15	01	APP	RSP/ASG	12.05.15	02	TOTAL SHEETS			02				01
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APP	RSP/ASG	12.05.15	02																										
TOTAL SHEETS			02																										
			01																										
		TITLE : TYPICAL CROSS SECTION OF CONVEYOR GALLERY & TUNNELS																											
		SCALE BHEL JOB NO. IS-1-I-14-2007		BHEL-ISG IS-1-I-GA-691-100-M003																									

Compliance report		
4 x 270 MW Bhadradi TPS - Coal Handling System		
Drg/Doc no: IS-1-GA-691-100-M003 Rev00		
Drg/Doc title: Typical Cross Section of Conveyor Gallery & Tunnels		
Sl no	Customer comment	BHEL reply Dtd: 25-06-15
TSGENCO / DESEIN COMMENTS DTD: 08-06-2015		
1	Please provide a gap of 300 mm instead of 500 mm from top of the gallery and a gap of 150 instead of 200 from bottom of the gallery.	Gap of 500mm from top of the gallery is maintained in line with TSGENCO specifications. And, gap of 200 from bottom of the gallery is maintained in line KOTHAGUDEM project where drg. is already approved by TSGENCO.
2	Please provide lights on the walkway instead of providing the same on conveyor.	Noted & incorporated.
3	Please provide 3.15 mm thick seal plate and deck plate instead of 3mm thick.	Noted & incorporated.
4	Please indicate the elevation of pipes, grade of handrail, detail of drains & its cover details.	Elevation of pipes and drains & its cover details shall be indicated in respective civil/structural during detail engineering. Also, Grade of handrail is shown in the revised drg.
5	Please mark supply and exhaust ducts and fix the lights on the same.	Noted & incorporated.
6	Please provide a note regarding distance of trays.	Noted & incorporated.