

# Gujarat Industries Power Company Ltd.

## TECHNICAL SPECIFICATIONS PART-3

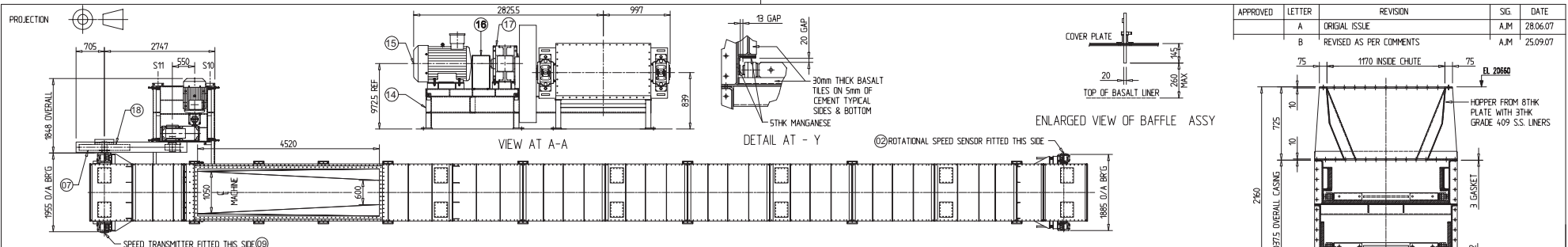
Ref. Drawing No: OEM Redler GA 477280.

### Terms and Conditions

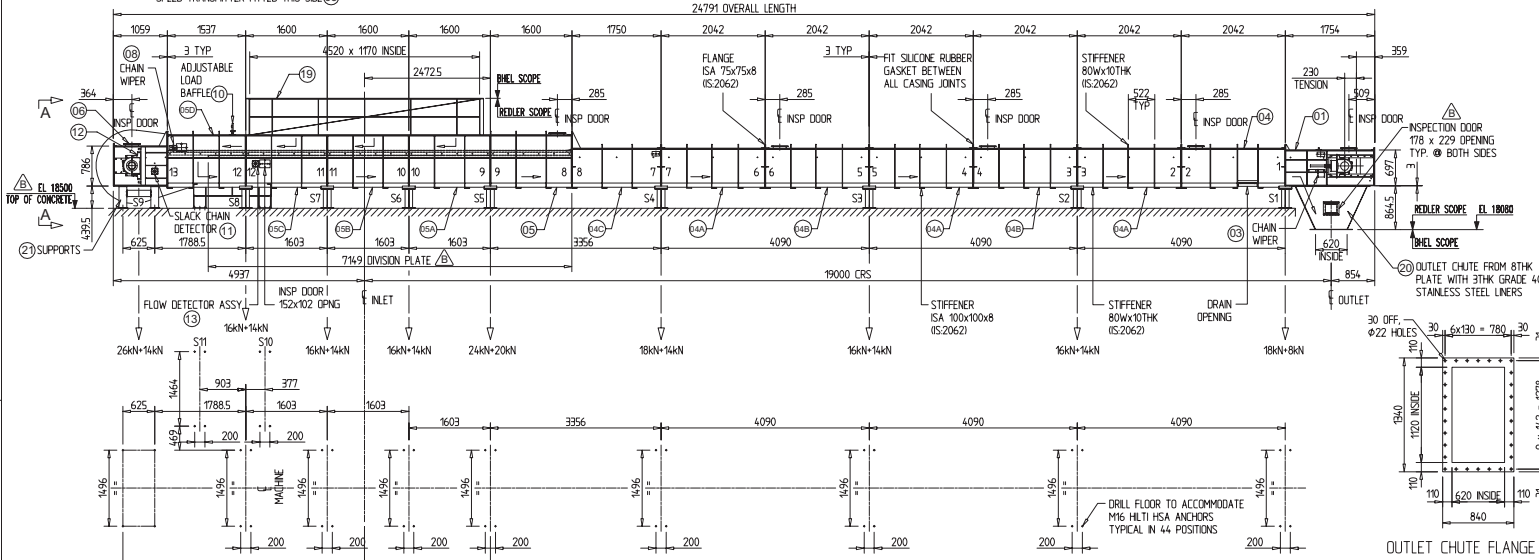
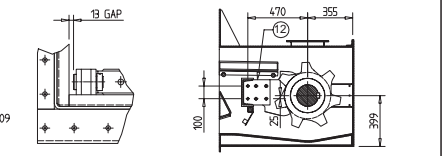
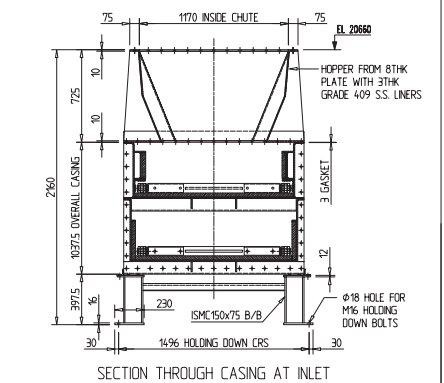
MOC of material is as follows:

ITEM CODE	MATERIAL DESCRIPTION	MOC
2711001007	LIG CONV CONNECTING PIN	SS420
2711001008	LIG CONV PIN CIRCLIP	SS304
2711001080	Lig. Conveyor Flighted Chain Link ( Flight attachement ) Link PCD-216, Redler design for Phase-II	IS2062-Fe410
2711001081	Lig. Conveyor Plain Chain Link (Without Flight attachement ) Link PCD-216, Redler design for Phase-II	20MnCr5

1. Party shall submit the complete chemical analysis as per material specification in NABL approved laboratory and all test certificate shall be submitted along with supply.
2. GIPCL reserve the right to get the material tested through NABL accredited laboratory at random and result of the same shall be remain binding to both.
3. GIPCL reserve the right to inspect the material BY PMI (Positive metal identification) Method at random and result of the same shall remain binding to both.
4. **Guarantee period:** Guarantee period shall be 12 month from the date of installation or 18 months from the date of receipt of material at site.
5. **Quality Assurance plan (QAP) attached herewith for above items as Annexure-B.**
6. Above referred drawings are attached herewith.
7. Party Shall Get Sample approved prior affecting the Bulk supply.
8. Interchangeability with the existing spares is insisted by M/S GIPCL.
9. Pre dispatch inspection is insisted by company.



APPROVED	LETTER	REVISION	SIG	DATE
	A	ORIGINAL ISSUE	AJM	28.06.07
	B	REVISED AS PER COMMENTS	AJM	25.09.07



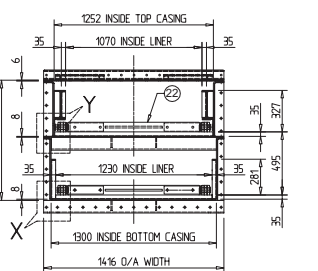
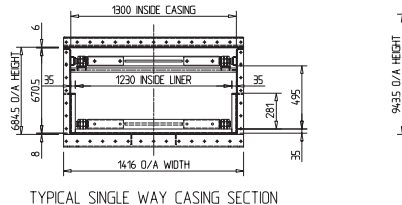
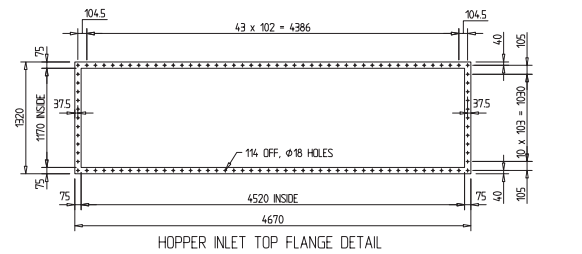
SURFACE PREPARATION  
INTERNAL - DEGREASE  
EXTERNAL - DEGREASE & SAND BLAST TO SA2.5

PAINT FINISH  
INTERNAL & CHAIN - 1 COAT BLACK CONVERSION PAINT  
EXTERNAL - PRIMER COAT: TWO COATS OF ZINC CHROME PRIMER (ALKYD BASE) TO IS-104 BY SPRAY DFT 30µm PER COAT

FINISH COAT - 2 COATS OF SYNTHETIC ENAMEL LONG OIL ALKYL TO IS-2932, DFT 20µm PER COAT

SHADE: SMOKE GRAY  
NON-STANDARD FEATURES

**REDLER BASIC INFORMATION**  
MACHINE FINISHES TO BE IN ACCORDANCE WITH ND/PA AND AS DETAILED IN THE NON STANDARD FEATURES BOX. WELDING TO BE IN ACCORDANCE WITH ND/WA AND AS DETAILED IN THIS AND RELATED DRAWINGS. MATERIAL TO BE IN ACCORDANCE WITH ND/WA AND/OR AS DETAILED ON THIS AND RELATED DRAWINGS.



GENERAL NOTES-  
ELECTRICAL DETAILS-  
SUPPLY - 415V, 3Φ, 50Hz  
CONTROL VOLTAGE - 240V AC  
MOTOR - 55kw, 1480 RPM, 280S FRAME SIZE, TEFC, MAKE-ABB  
END FLANGES TO BE SQUARE WITH CASING AND DRESSED FLUSH AFTER WELDING  
LINER PLATES-  
INLET HOPPER & OUTLET CHUTE TO BE FITTED WITH 3mm THICK GRADE 409 STAINLESS STEEL LINER PLATES  
MACHINE TO WITHSTAND INITIAL PRESSURE AT START UP OF 1500mm WC  
SILICONE RUBBER GASKETS (JHKS) FITTED BETWEEN ALL LONGITUDINAL FIXINGS & END FLANGE JOINTS

ALL INTERFACE CONNECTING CHUTE AND SUPPORT DETAILS BY OTHERS  
LOADS ARE SHOWN THUS: TOTAL LOAD OF DEAD LOAD & LIVE LOAD  
LOADS INDICATED ARE FOR COMBINED PEDESTALS.  
ALL LOADS UNFACTORED.  
ERECTION BOLTS LIST-  
740 OFF M12 x 40 LONG GRADE 8.8 HEX HEAD SETSCREWS  
15 OFF M12 x 30 LONG GRADE 8.8 HEX HEAD SETSCREWS  
10 OFF M12 x 35 LONG GRADE 8.8 CSK SETSCREWS  
10 OFF M12 x 50 LONG GRADE 8.8 HEX HEAD SETSCREWS  
120 OFF M16 x 55 LONG GRADE 8.8 HEX HEAD SETSCREWS  
52 OFF M16 x 170 LG HLT HSA ANCHORS (OR EQUIV)  
32 OFF M20 x 60 LONG GRADE 8.8 HEX HEAD SETSCREWS  
820 OFF M12 GRADE 8.0 HEX NUTS  
160 OFF M16 GRADE 8.0 HEX NUTS  
32 OFF M20 GRADE 8.0 HEX NUTS  
1590 OFF φ12 PLAIN WASHERS  
200 OFF φ16 PLAIN WASHERS  
32 OFF φ20 PLAIN WASHERS

ALL FIXINGS TO BE BRIGHT ZINC PLATED FINISH  
TOTAL ASSY WEIGHT/FEEEDER : 27000 Kg (APPROX)

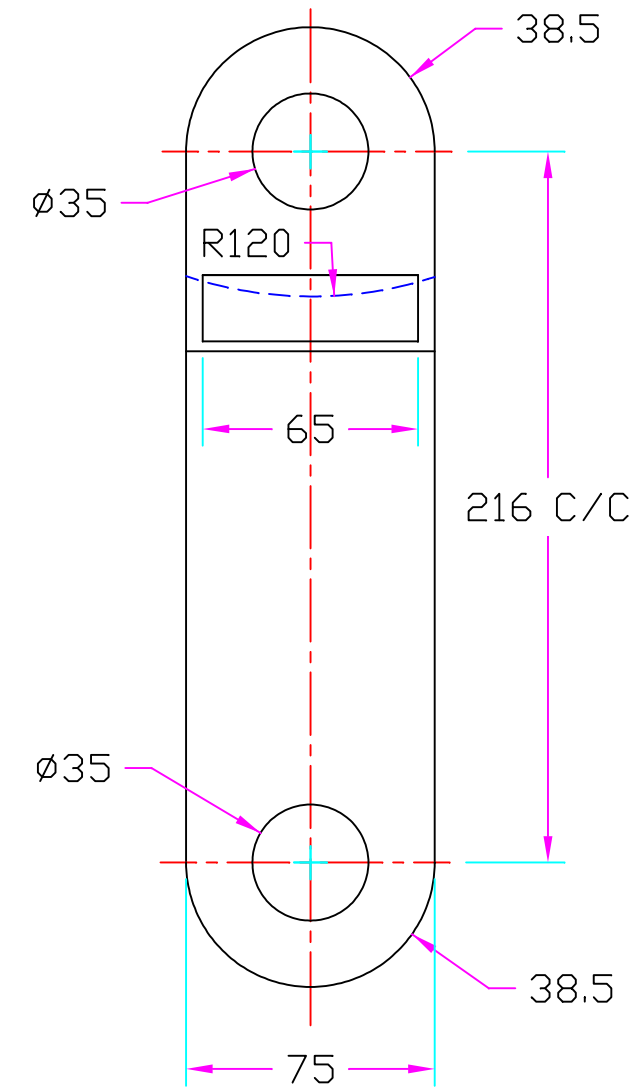
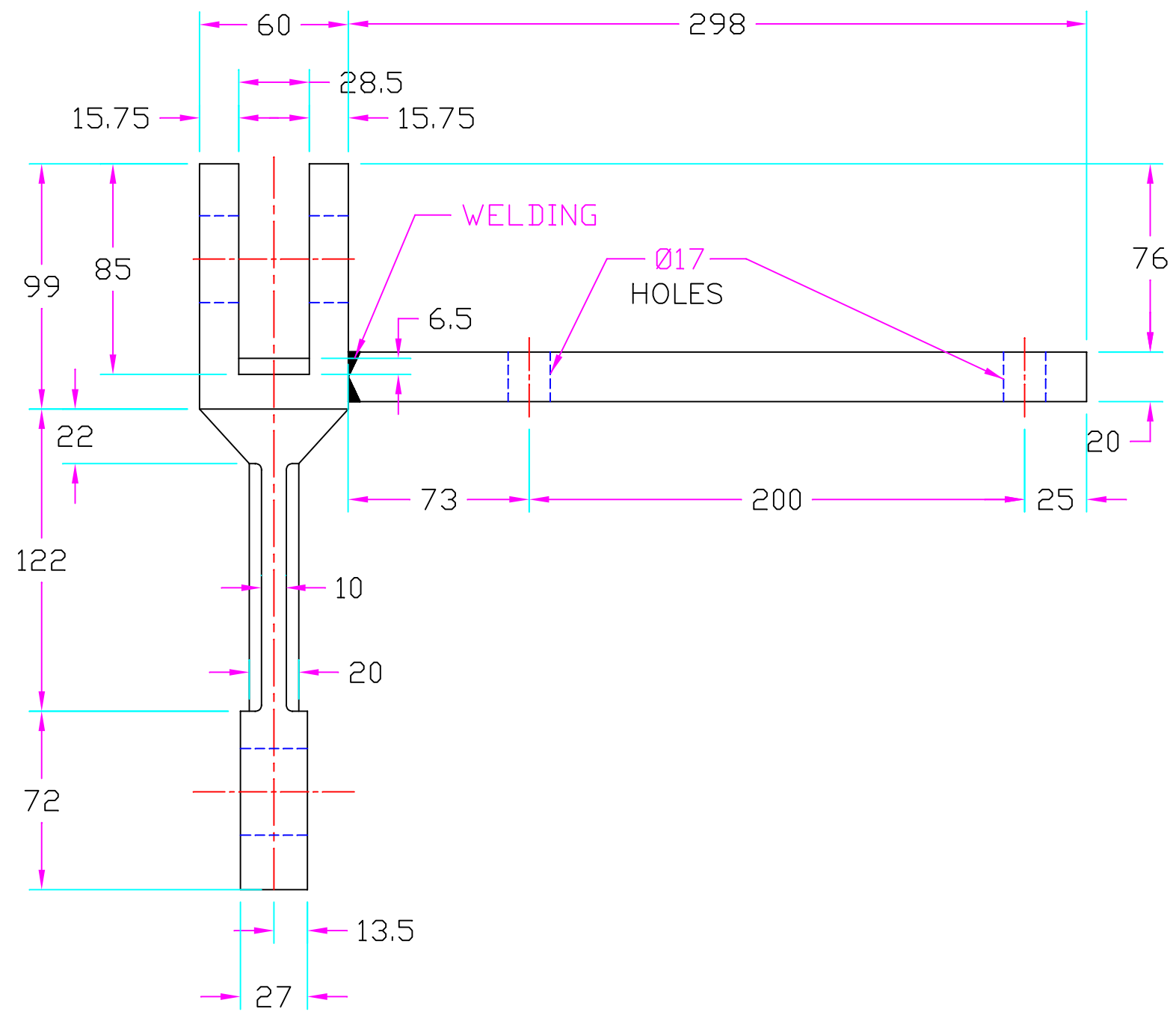
TOTAL QTY PITCHES		CHAIN DETAILS				MACHINE MARK	MACHINE NUMBER	MACHINE TYPE	MATERIAL SIZE mm AND LOOSE BULK DENSITY kg/m <sup>3</sup>	CAPACITY AT RATE OF m <sup>3</sup> /h tonne/h	CHAIN SPEED m/s pitches/min	SPROCKET SHAFT SPEED rev/min	GEARBOX OUTPUT SPEED rev/min	EST. POWER AGS AT SPROCKET SHAFT kW	MOTOR kW	SHEAR PIN DETAILS	DRAWN	AJM	DATE	28.06.07	APPROVED	
		CHAIN TYPE	QTY	TYP	REFERENCE																	QTY
234	3122/ 1250 I2	69	BASIC	3X1/602600/48*	24	SCAVENGER TYPE A	477281	1250 REDLER CONVEYOR (REVERSE ROTATION)	LIENTE φ-5 @ 800 - 1000 @ 150° C	NORMAL RUNNING FROM 20 MIN TO 65	0.25	69.4	10	40	4175	55	No 4 SPHUB FIT 2 PINS REF 0050/0034/FIT NECK DIA 17 mm + 8 SPARE MARK 4-PT	150	AJM	28.06.07	T.D.112865A	REDLER
				3X1/602610/48*	24	SCAVENGER TYPE B	477282															
				3X1/602620/48*	24	SCAVENGER TYPE B	477283															
				3X1/602630/48*	24	SCAVENGER TYPE B	477284															
234	3122/ 1250 I2	69	FLIGHTLESS	3X1/000000/48*	24																	

**REDLER**  
STROUD, GLOUCESTERSHIRE, GL5 3EY, ENGLAND  
THIS DRAWING IS COPYRIGHT AND MUST NOT BE COPIED OR DISCLOSED TO THIRD PARTIES EXCEPT ON THE WRITTEN ORDER OF REDLER Limited. IT REMAINS THE PROPERTY OF REDLER Limited AND IS SUBJECT TO THEIR RECALL.  
ORIGINAL FRAME SIZE 55mm x 775mm  
REDLER Limited 2007

CLIENT: BHARAT HEAVY ELECTRICALS LTD  
PROJECT: SURAT LIGNITE POWER PLANT  
LOCATION: MANGROL, SURAT  
MACHINE: DRAG LINK CHAIN FEEDER  
MATERIAL No: L530514700501001 (2Nos)  
L530614700501001 (2Nos)  
PO No: FH-510-7100028584 DT-16.07.2007  
QTY: 4 Nos.

DRG. No. **G.A. 477280** SHEET 1 OF 2 ISSUE B

ITEM CODE:- 2711001080



**NOTE:**

LINK: 20MncR5 (HARDNESS 55 RC+/-5 RC UP TO 0.5 TO 0.8 MM DEPTH)

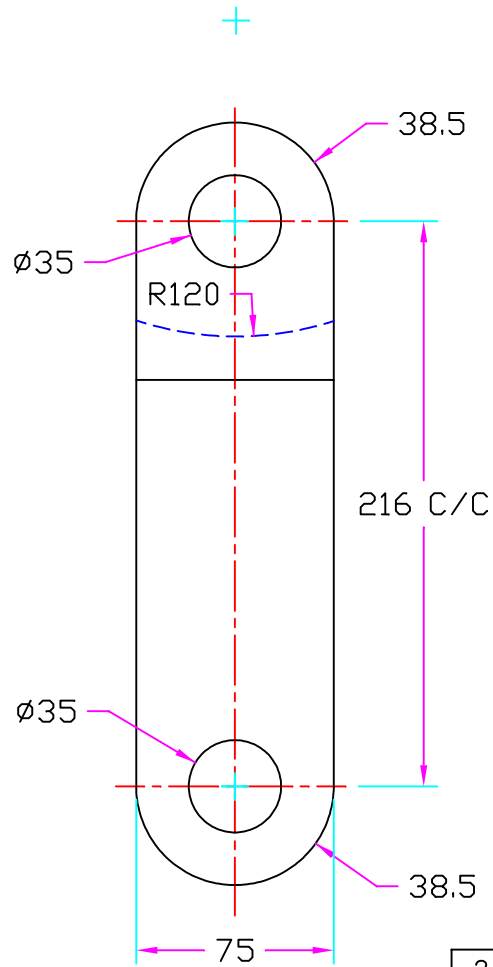
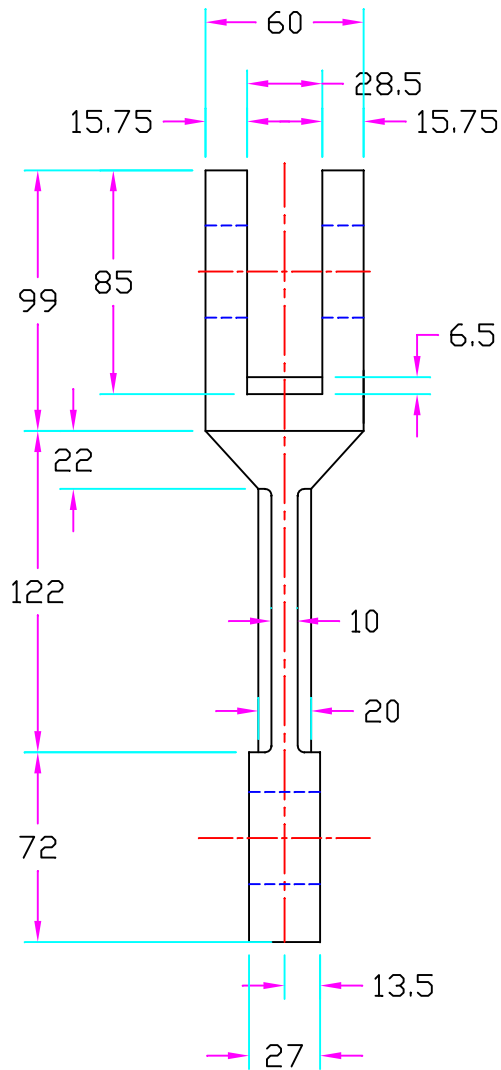
2				
1	FLIGHT CHAIN LINK			IS-2062 (Fe410)
No. Sr.	DESCRIPTION	QTY.	SIZE	MATERIAL
	NAME	INITIAL & DATE	Department	Pattern No.
DESIGNED BY			MECH. BMD-PH.2	
DRAWN BY	Minesh J.Thakkar	17/05/2013		
CHECKED BY	Jigar Patel	17/05/2013		
STANDARD BY				
APPROVED BY	B. L. Gowda	17/05/2013		
			SCALE- 1:2.75	
			DWG.No.:	
			GIPCL/SLPP/PH-2/M/BLR/SM/0039	

2					
1		△			
No.	REVISION	MARKED	DATE	CHECKED	APPD.

Gujarat Industries Power Co. Ltd.  
(2x125MW Surat Lignite Power Plant)  
P.O.:Nani Naroli  
Tal...:Mangrol  
Dist.: Surat- 394 110

TITLE  
**LIGNITE CONVEYOR FLIGHTED  
CHAIN LINK FOR PH.2**  
SHEET 1 OF 1 | REVISION- R 0

ITEM CODE:- 2711001081



**NOTE:**

HARDNESS 55 RC+/-5 RC UP TO 0.5 TO 0.8 MM DEPTH

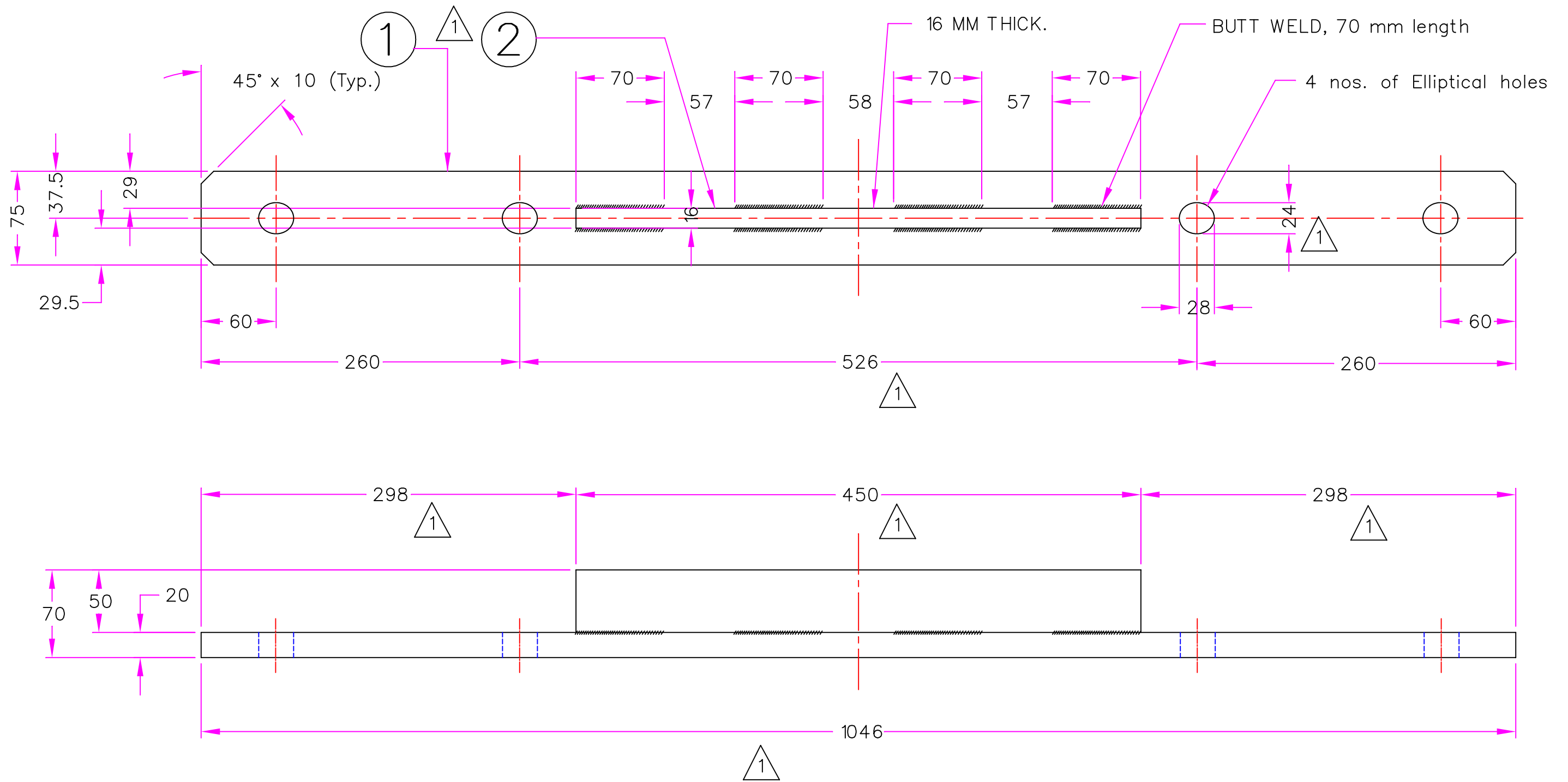
2					
1	CHAIN LINK				20MnCr5
No. Sr.	DESCRIPTION	QTY.	SIZE	MATERIAL	
	NAME	INITIAL & DATE	Department	Pattern No.	Net Wt.(Kg)
DESIGNED BY			MECH. BMD-PH.2		
DRAWN BY	Minesh J.Thakkar	17/05/2013			
CHECKED BY	Jigar Patel	17/05/2013			
STANDARD BY					
APPROVED BY	B. L. Gowda	17/05/2013			
				SCALE- 1:2.5	
				DWG.No.:	GIPCL/SLPP/PH-2/M/BLR/SM/0039

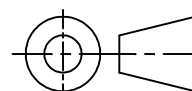
2					
1					
No.	REVISION	MARKED	DATE	CHECKED	APPD.

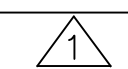
Gujarat Industries Power Co. Ltd.  
(2x125MW Surat Lignite Power Plant)  
P.O.:Nani Naroli  
Tal.:Mangrol  
Dist.: Surat- 394 110

TITLE  
**LIGNITE CONVEYOR**  
**CHAIN LINK FOR PH.2**  
SHEET 1 OF 1 REVISION- R0

ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.



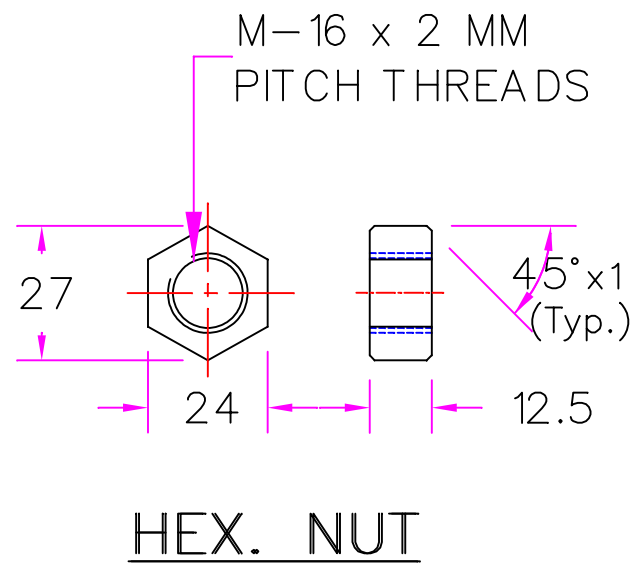
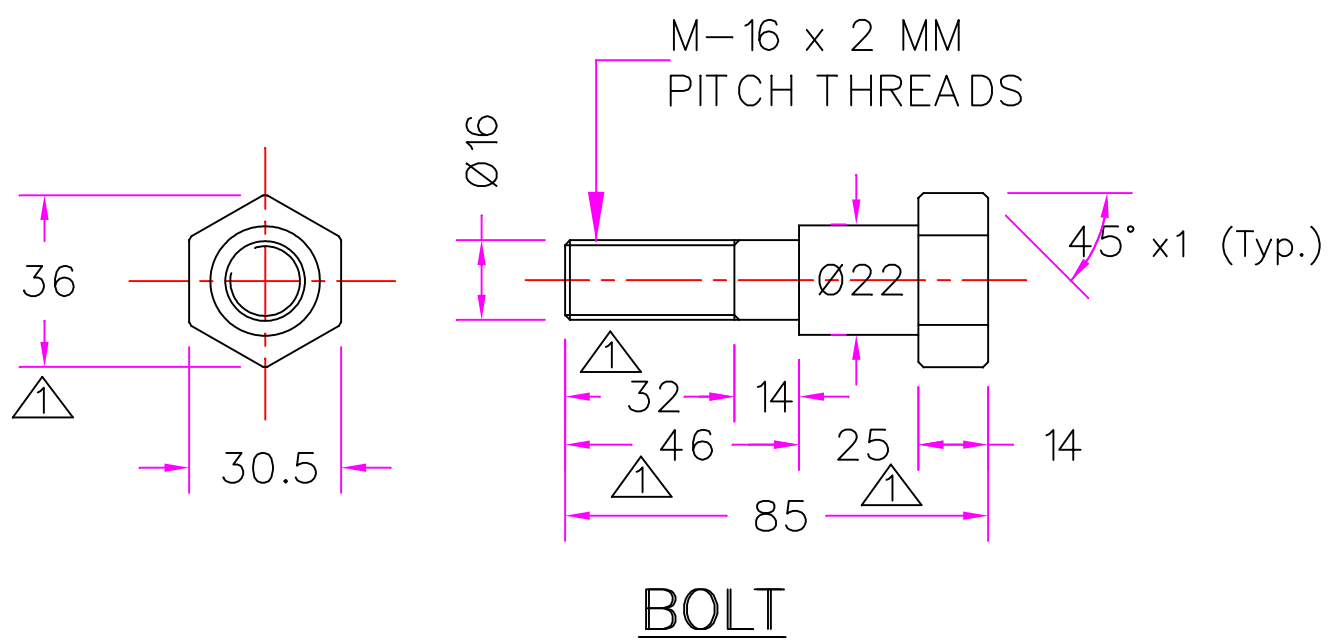
2	SUPPORT	01	50x16x448	FE-410, IS-2062
1	FLIGHT BAR	01	75x20x1046	FE-410, IS-2062
No. Sr.	DESCRIPTION	QTY.	SIZE	MATERIAL
	NAME	INITIAL & DATE	Department	Pattern No.
DESIGNED BY			MECH.- BMD-PH.2	
DRAWN BY	Minesh J.Thakkar	27.04.2012		
CHECKED BY	Jigar Patel	27.04.2012		
STANDARD BY				
APPROVED BY	B. L. Gowda	27.04.2012	 SCALE- 1:4 DWG.No.: GIPCL/SLPP/PH-2/M/BLR/SM/0029	

2					
1	DIMENSIONS WERE CHANGED AS MARKED.		16/05/2013	JIGAR PATEL	B. L. GOWDA
No.	REVISION	MARKED	DATE	CHECKED	APPD.

Gujarat Industries Power Co. Ltd.  
 (2x125MW Surat Lignite Power Plant)  
 P.O.:Nani Naroli  
 Tal.:Mangrol  
 Dist.: Surat- 394 110

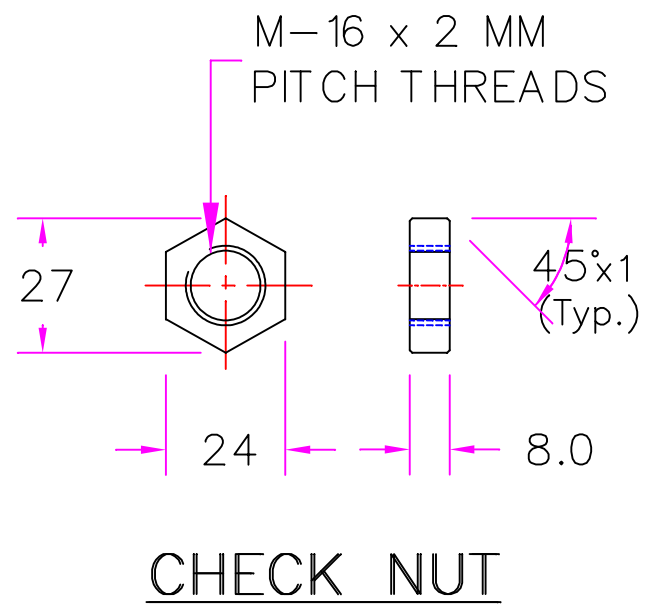
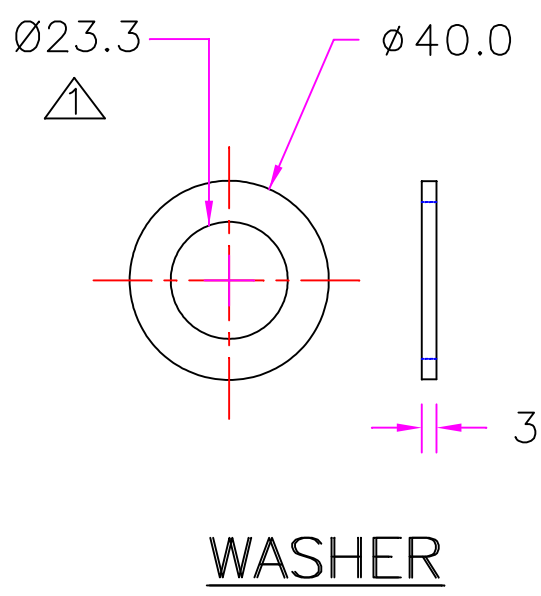
TITLE  
 FLIGHT BAR FOR LIGNITE  
 CONVEYOR FOR PHASE-2  
 SHEET 1 OF 1 | REVISION- R1

ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.



NOTE:

4 PAIRS OF FASTENERS PER FLIGHT BAR FOR LIG. CONV. FOR PH-2



4	WASHER			SS 304
3	CHECK NUT			SS 304
2	HEX. NUT			SS 304
1	BOLT			SS 304

No. Sr.	DESCRIPTION	QTY.	SIZE	MATERIAL
	NAME	INITIAL & DATE	Department	Pattern No.
DESIGNED BY			MECH.- BMD-PH.2	
DRAWN BY	Minesh J.Thakkar	27.04.2012		
CHECKED BY	Jigar Patel	27.04.2012		
STANDARD BY				
APPROVED BY	B. L. Gowda	27.04.2012		

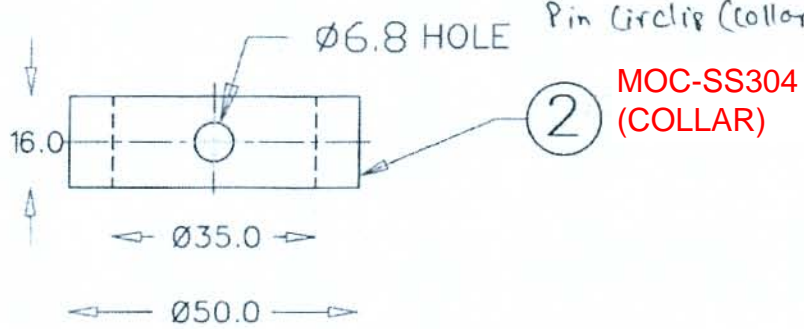
2					
1	DIMENSIONS WERE CHANGED AS MARKED.		16/05/2013	JIGAR PATEL	B. L. GOWDA
No.	REVISION	MARKED	DATE	CHECKED	APPD.

Gujarat Industries Power Co. Ltd.  
(2x125MW Surat Lignite Power Plant)  
P.O.:Nani Naroli  
Tal.:Mangrol  
Dist.: Surat- 394 110

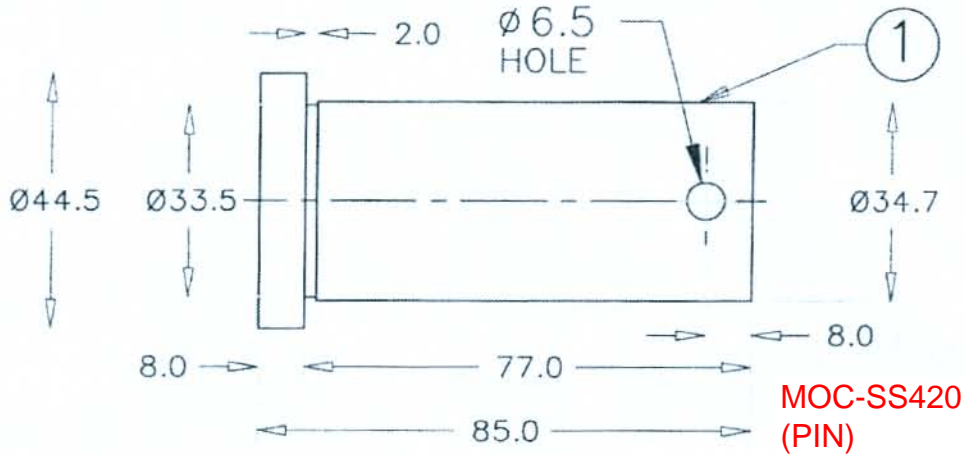
TITLE  
FASTENERS FOR FLIGHT BAR  
FOR LIGNITE CONVEYOR,PH.2  
SHEET 1 OF 1 REVISION- R1

No.	REVISION	MARKED	DATE	CHECKED	APPD.
1		△			

Item Code: 2711001008  
Pin Girclig (collar)




Connecting Pin (Dowel Pin)  
Item Code: 2711001007



ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.

**NOTE:**

DOWEL PIN: HARNESS 50 RC+/-5 RC UP TO .8 TO 1.0 MM DEPTH

No. Sr.	DESCRIPTION	QTY.	SIZE	MATL.	NAME	INITIAL & DATE	Department	Pattern No.	Net Wt.(Kg)	
3					DESIGNED BY		MECH. MPD-PH.2			
4					DRAWN BY	Mineesh J.Thakkar 25/05/2013				
3					CHECKED BY	Jigar Patel 25/05/2013				
2	COLLAR				STANDARD BY		 SCALE- 1:1 DWG.No: DPCL/BLP/PH-2/W/BLP/SM/0040			
1	DOWEL PIN				APPROVED BY	B. L. Gowda 25/05/2013				
					Gujarat Industries Power Co. Ltd. (4x125MW Surat Lignite Power Plant) P.O.:Nani Naroli Tal.:Mangrol Dist.: Surat- 394 110			TITLE <b>DOWEL PIN &amp; COLLAR            FOR CHAIN CONVEYOR            (PH.2)</b> SHEET 1 OF 1 REVISION-R0		

## ANNEXTURE-B

QUALITY ASSURANCE PLAN FOR INCOMING, INPROCESS & FINAL INSPECTION FOR LIGNITE CONVEYOR. AS PER YOUR DRG. NO.							QAP No.	Q-004		
							Rev.No.	0		
							Data	21.12.2011		
GIPCL/SLPP							Page No.	1 of 1		
REVIEWED BY			APPROVED BY (APIL)							
SR. NO.	MATERIAL DESCRIPTION	CHARACTERISTICS	PARAMETERED TO BE CHECKED	QUANTUM OF CHECK	REF. DOCUMENT	ACCEPTANCE CRITERIA	AGENCY			REMARKS
							M	C	TPI	
<b>(1) INCOMING INSPECTION FOR LINKS.</b>										
1	Raw Material Billet	Critical Make: Lloyds/ISMT make or	To verify chemical composition of raw material. Verify Test Cert. & Heat No.	100%	Standard	Standard 20 MnCr5	√		√	After co-relation with Heat No.
2	Raw Material Billet	critical	UT and spark test	100%	standard				*	
3	Forgings.	Critical	After forging, verify ch. Comm & witness of forgings.	100%	Standard	20 MnCr5	√		√	Forging witness by TPI be maintained.
4	Link forging	critical	breaking load test	10-%/batch	above 65tonns	Above 65 tonns			*	
5	Link forging	tempering	Surface hardning/case depth	100%	standard	50-55HRC/max0.7mm			*	
6	Link forging	critical	MPI test	10%	Standard				*	
4	Dimension	Critical	Dimension	100%	AI Drg.	AI Drg.	√		√	
<b>(2) INCOMING INSPECTION FOR FLIGHT BAR.</b>										
1	Raw Material	Critical	Ch. Testing	Random	Stanbdrd	IS2062GradeA	√		√	
2	U.T.	Critical	U.T. Test	100%	Standard	Standard.	√		√	Witness by TPI
3	Dimension.	Critical	Dimension.	100%	Standard	Standard	√		√	
<b>(3) INCOMING INSPECTION FOR PIN.</b>										
1	Raw Material	Critical	To verify chemical composition of material. Verify Test Cert. Heat No.	100%	Standard	Standard X20Cr13	√		√	
2	Case Hardness	Critical	By Ultrasonic hand tstr.	Random	Standard	40 to 45HRC	√	√		
3	Dimension checking	Critical	Dimension	100%	Drg. No.	As per AI DRg.	√	√	√	
<b>(4) WELDING LINK WITH FLIGHT.</b>										
1	Welding	Critical	Dismilah steel Welding	100%	Standard	Standard	√		√	Use welding electrode std.
2	Bend Test	Critical	Standard	Random	Standard	Standard	√		√	
<b>(5) INCOMING INSPECTION FOR CIRCLIP.</b>										
1	Raw Material	Critical	Ch. Composition	100%	Standard	S.S. 304	√		√	Checking from Sheet.
2	Dimension	Critical	Suitable for Pin	100%	Standard	S.S. 304				
<b>FINAL ASSLY. / TESTING &amp; FINAL INSPECTION.</b>										
1	Dimension	Critical	As per Drg.	100%	As per Drg.	As per Drg.		√	√	Final Inspection Report to be submitted.
							M	Manufacturer		
							TPI	Third Party Inspection.		
							C	Client		
							W	Witness		



# Gujarat Industries Power Company Ltd.

## TECHNICAL SPECIFICATION

**ITEM CODE:-** 2711001035- SPROCKET SHAFT OF LIG CONV

**REF. DRAWING NO:-** AS PER ATTCHED(GA -477280 OEM -REDLER)

### Technical & Commercial Terms.

1. MOC of material is as :

<b>Drive End Sprocket Shaft</b>	
Material of shaft	En-24
Diameter of shaft	180 mm @ sprocket

2. Party shall submit the complete chemical analysis as per material specification in NABL approved laboratory and all test certificate shall be submitted along with supply.
3. GIPCL reserve the right to get the material tested through NABL accredited laboratory at random and result of the same shall be remain binding to both.
4. GIPCL reserve the right to inspect the material BY PMI (Positive metal identification) Method at random and result of the same shall remain binding to both.
5. **Guarantee period:** Guarantee period shall be 12 month from the date of installation or 18 months from the date of receipt of material at site.
6. **Above referred drawings are attached herewith. We have OEM reference drawing available with us and same is furnished. Party may collect the spare specimen from site. Party has to prepare the drawing as per existing available spare and submit to the department for furtherverification and approval.**
7. **Party Shall Get Sample approved prior affecting the Bulk Supply.**
8. Interchangeability with the existing spares is insisted by M/S GIPCL.
9. Pre dispatch inspection is insisted by company.

# Gujarat Industries Power Company Ltd.

## TECHNICAL SPECIFICATION

**ITEM CODE:-** 2711001027- SPROCKET WHEEL OF LIG CONV

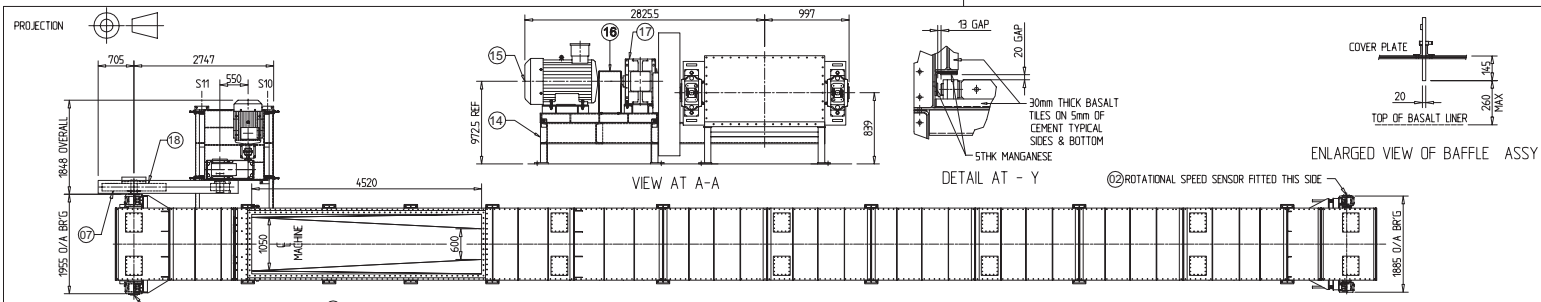
**REF. DRAWING NO:-** AS PER ATTACHED (GA -477280 OEM -REDLER)

### Technical & Commercial Terms.

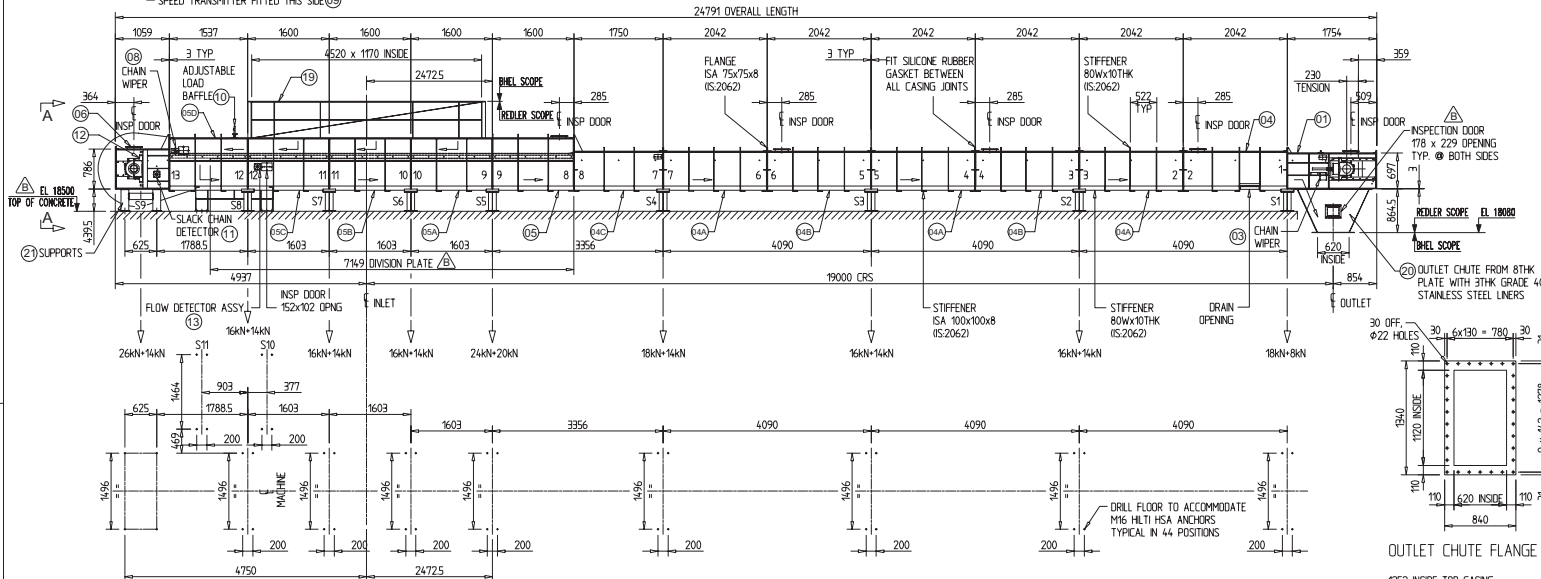
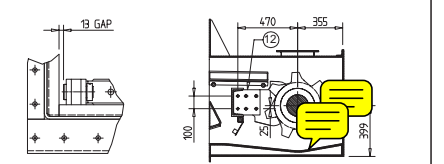
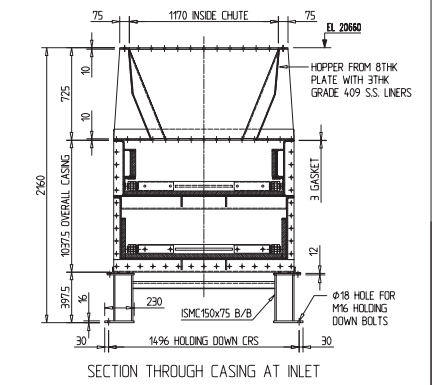
1. MOC of material is as :

<b>Drive End Sprocket wheel of Lignite Conveyor</b>	
Type of sprocket	Toothed / Segmented
Material of sprocket	En353
Material of Hub	Mild steel
PCD	498 mm
No. of teeth	7
Surface hardness of rim of sprocket	58 Rockwell C
Heat treatment method	Case hardening
Depth of Hardness	1 mm

2. Party shall submit the complete chemical analysis as per material specification in NABL approved laboratory and all test certificate shall be submitted along with supply.
3. GIPCL reserve the right to get the material tested through NABL accredited laboratory at random and result of the same shall be remain binding to both.
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7. **Party Shall Get Sample approved prior affecting the Bulk Supply.**
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9. Pre dispatch inspection is insisted by company.



APPROVED	LETTER	REVISION	SIG	DATE
	A	ORIGINAL ISSUE	AJM	28.06.07
	B	REVISED AS PER COMMENTS	AJM	25.09.07



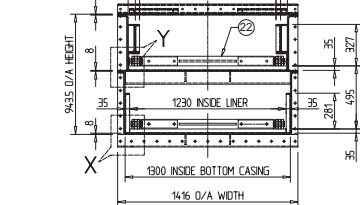
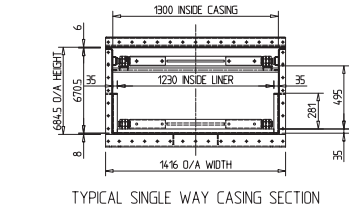
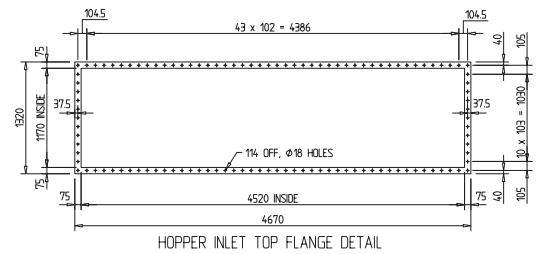
SURFACE PREPARATION  
INTERNAL - DEGREASE  
EXTERNAL - DEGREASE & SAND BLAST TO SA2.5

PAINT FINISH  
INTERNAL & CHAIN - 1 COAT BLACK CONVERSION PAINT  
EXTERNAL - PRIMER COAT: TWO COATS OF ZINC CHROME PRIMER (ALKALOYD BASE) TO IS-104 BY SPRAY DFT 30µm PER COAT

FINISH COAT: 2 COATS OF SYNTHETIC ENAMEL LONG OIL ALKALOYD TO IS-2932, DFT 20µm per COAT

SHADE: SMOKE GRAY  
NON-STANDARD FEATURES

REDLER BASIC INFORMATION  
MACHINE FINISHES TO BE IN ACCORDANCE WITH ND/PA AND AS DETAILED IN THE NON STANDARD FEATURES BOX. WELDING TO BE IN ACCORDANCE WITH ND/WA AND AS DETAILED IN THIS AND RELATED DRAWINGS. MATERIAL TO BE IN ACCORDANCE WITH ND/NA AND/OR AS DETAILED ON THIS AND RELATED DRAWINGS.



**REDLER**  
STROUD, GLOUCESTERSHIRE, GL5 3EY, ENGLAND

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ORIGINAL FRAME SIZE 55mm x 7775mm  
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TOTAL QTY PITCHES		CHAIN TYPE		BASIC FLIGHT PITCHES		ANCLARY FLIGHT PITCHES		MACHINE MARK		MACHINE NUMBER		MACHINE TYPE		MATERIAL SIZE		CAPACITY AT RATE OF		CHAIN SPEED		SPROCKET SHAFT SPEED		GEARBOX OUTPUT SPEED		EST. POWER AGS AT SPROCKET SHAFT		MOTOR KW		SHEAR PIN DETAILS		DRAWN		DATE		APPROVED	
QTY	TYPE	QTY	TYPE	REFERENCE	QTY	TYPE	REFERENCE	MARK	NO	NO	NO	NO	NO	NO	mm	kg/m <sup>3</sup>	m <sup>3</sup> /h	tonne/h	m/s	pitch/width	rev/min	rev/min	rev/min	rev/min	kw	DETAILS	SCALE	NO	DATE	NO	DATE				
234	3122/1250 I2	69	BASIC	3X1/602600/48*	24	SCAVENGER TYPE A	3X1/602610/48*	C1	477281										0.25	69.4	10	40	4175	55	No 4 SPHUB FIT 2 PINS REF 0050/0034/FIT NECK DIA 17 mm + 8 SPARE MARK 4-97T	AJM	150	28.06.07							
		117	FLIGHTLESS	3X1/000000/48*	24	SCAVENGER TYPE B	3X1/602620/48*	C2	477282																										
				*HM PN REF 0010/0022/02 SS COLLAR REF 0010/0010/01 SS SPRAL PN REF 0010/0100					C3	477283																									
									C4	477284																									

T:\AUTOCAD\CONT\477280\47728001.dwg

REDLER

CLIENT: BHARAT HEAVY ELECTRICALS LTD  
PROJECT: SURAT LIGNITE POWER PLANT  
LOCATION: MANGROL, SURAT

MACHINE: DRAG LINK CHAIN FEEDER  
MATERIAL No.: L530514700501001 (2Nos)  
L530614700501001 (2Nos)  
QTY: 4 Nos

PO No: FH-510-7100028584 DT-16.07.2007

DRG. No. G.A. 477280  
SHEET 1 OF 2  
ISSUE B

ALWAYS QUOTE LATEST ISSUE

# **Gujarat Industries Power Company Ltd.**

## **TECHNICAL SPECIFICATIONS**

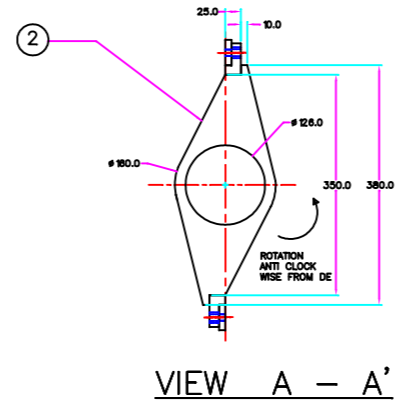
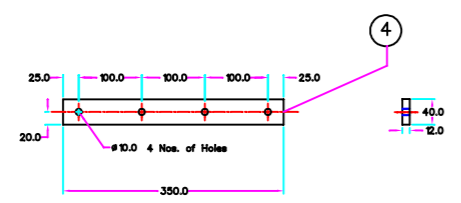
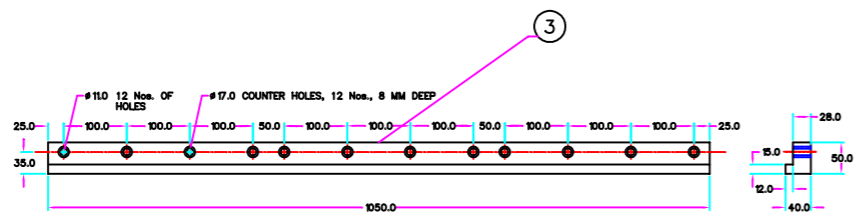
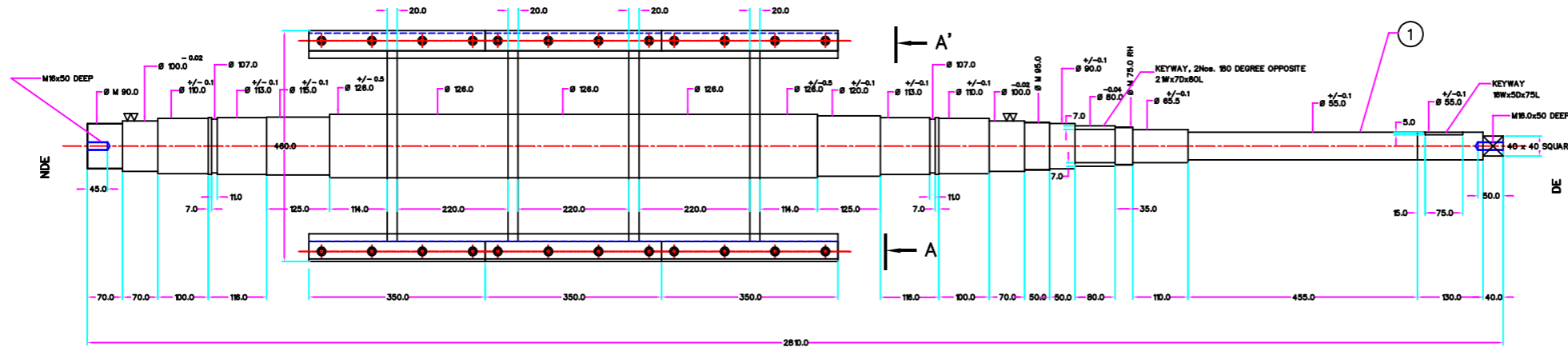
**Item Code:** 2711002056- SCRAPER WITH SHAFT FOR LRALF.

**Ref. Drawing No:** GIPCL/SLPP/PH-2/M/BLR/SM/0043

### **Terms and Conditions**

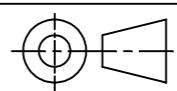
1. MOC of material is as per in attached drawing.
2. Party shall submit the complete chemical analysis as per material specification in NABL approved laboratory and all test certificate shall be submitted along with supply.
3. GIPCL reserve the right to get the material tested through NABL accredited laboratory at random and result of the same shall be remain binding to both.
4. GIPCL reserve the right to inspect the material BY PMI ( Positive metal identification) Method at random and result of the same shall be remain binding to both.
5. Guarantee period: Guarantee period shall be 12 month from the date of installation or 18 months from the date of receipt of material at site.
6. Drawings for above items are attached herewith.
7. Party Shall Get Sample approved prior affecting the Bulk Supply.
8. Interchangeability with the existing spares is insisted by M/S GIPCL.
9. Pre dispatch inspection is insisted by company.

ITEM CODE :- 2711002056



5	L.N. BOLTS	24	M10x15x30	8.8-Q
4	SCRAPPER PLATE	6	12x40x350	HARDOX-400 (ABRASION RESISTANT STEEL PLATE)
3	BACK PLATE	2	25x50x1050	
2	ROTOR BLADE	4	20x151x430	Sail Hard
1	SHAFT	1	Ø126X2810	En-8 ROLLED & ANNEALED
No. Sr.	DESCRIPTION	QTY.	SIZE	MATERIAL

	NAME	INITIAL & DATE	Department	Pattern No.	Net Wt.(Kg)
DESIGNED BY			MECH.		
DRAWN BY	Minesh J.Thakkar	09-03-2017			
CHECKED BY	Jignesh Akbari				
STANDARD BY					
APPROVED BY	P. U. Bhatt				

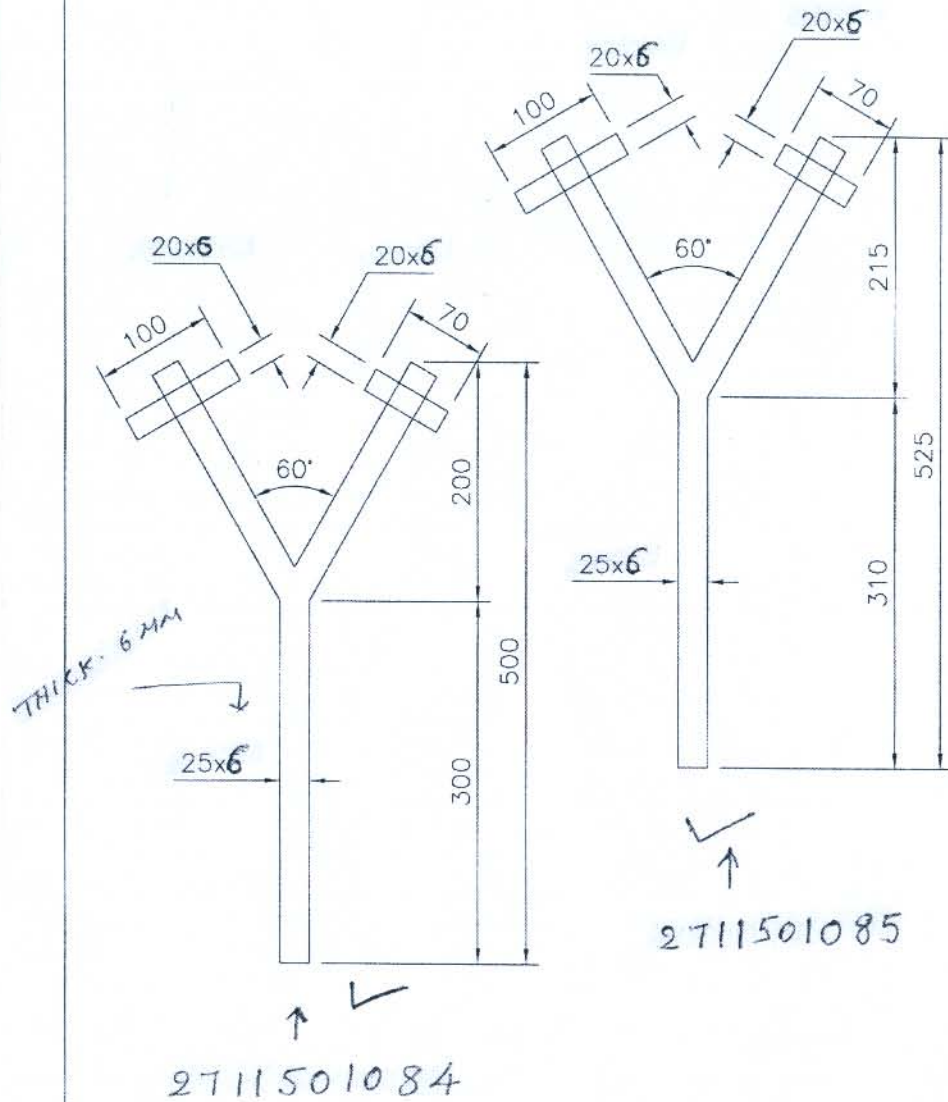



SCALE- 1:12  
DWG.No.: GIPCL/SLPP/PH-2/M/BLR/SM/0043

2					
1		△			
No.	REVISION	MARKED	DATE	CHECKED	APPD.

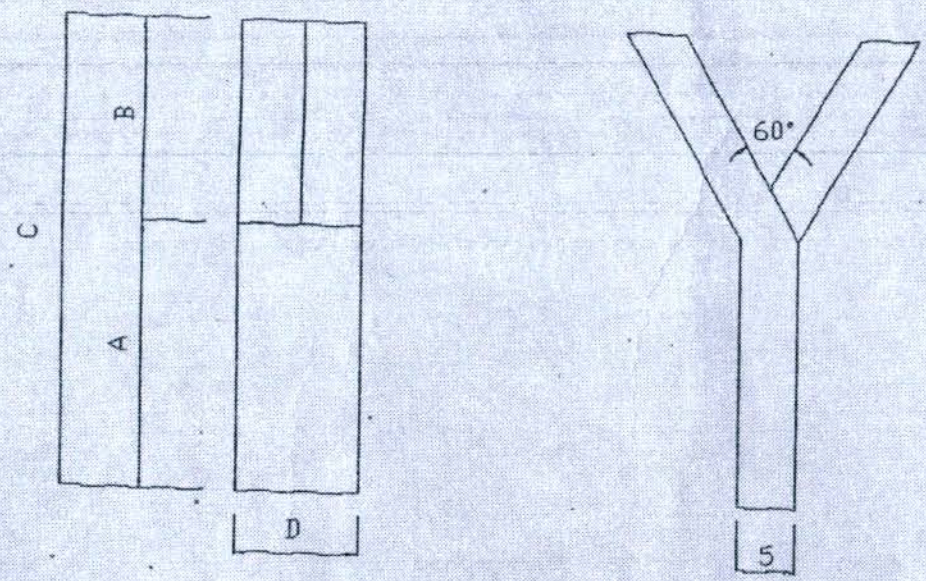
Gujarat Industries Power Co. Ltd.  
(4x125MW Surat Lignite Power Plant)  
P.O.:Nani Naroli  
Tal.:Mangrol  
Dist.: Surat- 394 110

TITLE  
SCRAPPER SHAFT  
FOR LRALF (PH.-2)  
SHEET 1 OF 1 REVISION- R0



	SIGN.	DATE	ANCHOR	
DGN.				
DRN.	HCC	26.12.2014		
CHD.				
TRD.				
APP.				
ALL DIMENSIONS ARE IN M.M.			MATERIAL : SS 310	QTY. :

# REFRACTORY ANCHOR DETAILS



ALL DIMENSIONS ARE IN MM

ITEM  
 CODES:-711507005,711507010,711507011,711507025,  
 711507026

TYPE	A	B	C	D
AN-1	130	120	250	25
AN-2	150	100	250	25
AN-3	60	40	100	20
AN-4	200	150	350	25

MATERIAL : SS 310

TYPE	A	B	C	D
AN-5	248	175	423	30
AN-6	248	135	383	25

S/

Hakky