LIST OF PLANT & MACHINERIES Mahakaushal Sugar & Power Ind. Ltd. , Bachai, Narsinghpur

OLD MILL TANDEM

Cane Unloader 1 &3										
Туре	Grab Type					r Detail			Gear Box De	tail
Capacity	5 Tonne	Unloader		H.P.	RPM		AMPS	Make	Туре	Ratio
Working Span	22 Mtr.	Cane Hydraulic Pump		15	1460		15		10"	
Lift	9 Mtr.	Cane Unloader		40	1440		33	Radicon	Horizontal	24::1
		Long Travel		15	970		24	Radicon	Horizontal	14.5:1
		Short Travel		7.5	970		22	Radicon	4 1/2" Horizental	10:01
Cane Unloader 2										
Туре	Grab Type				Motor	r Detail			Gear Box De	tail
Capacity	5 Tonne	Unloader		H.P.	RPM		AMPS	Make	Туре	Ratio
Working Span	22 Mtr.	Cane Hydraulic Pump		15	1460		15			
Lift	9 Mtr.	Cane Unloader		30	970		33	Radicon	6 1/2" Horizental	20:01
Drum Size (I X D)	1270 X 385	Long Travel		15	970		24	Radicon	6" Horizental	15:01
Ganty Size (I X D X H) mts	(40 x 22 x 10)	Short Travel		7.5	1460		22	Radicon	4" Horizental	20:01
Cane Carrier										
Туре				Motor Detail		G	ear Box Detail		Spur Gear And Pinion 100/24	
Width	1530 MM		H.P.	RPM	AMPS	Make	Туре	Ratio		
Length	50 M									
Depth	1350 MM									
Drive	VFD	I	50	1440	71		Helical	83::1		
No. of Sprocket	4 nos.									
No. of Teeth	16 Teeth									
Sprocket Teeth to Teeth Dia	850 MM									
Length from leveller to fibrizer	20 M.									
Dist. From Kicker to leveller	3500 MM.									
Dist. From Kicker to Cutter	6600 MM.									
Kicker										
Drum Diameter					Motor	r Detail			Gear Box De	tail
Kicker Diameter	400		1	H.P.	RPM	1	AMPS	Make	Туре	Ratio
Levelling Plates	12 Nos		1	30	960	+	45	Radicon	Horizental	20/1
Pitch	12 1403		+	30	300	-	70	- Addicon	Tionzoniai	20/1
RPM	75			1	+			1	-	
Chopper	13		-			+			-	
Leveller Dia	1585		+	 	Motor	r Detail			Gear Box De	tail
	175			U.D.		Detail	AMPS	Maka		
Shaft Diameter				H.P.	RPM			Make	Туре	Ratio
Tip to Slat Distance	750 mm			250	587		340			
Leveller Knife Tip to Hood Top Distance	480 MM									
Knives	36									
Pitch	58 mm									
Clearence	750				1	1				1

	Balance Wheel OD x Width	860 x 240									
;	Cutter			1						1	
	Leveller Dia	1575		1		Motor	Detail	1		Gear Box De	tail
	Shaft Diameter	175			H.P.	RPM		AMPS	Make	Туре	Ratio
	Tip to Slat Distance	290		I	250	587		340			
	Leveller Knife Tip to Hood Top Distance	610 MM		П	300	587		340			
	Knives	42 Nos.									
	Pitch	45 MM									
	Clearence	290 MM									
	Balance Wheel OD X Width (flywheel)	860 x 242									
,	Mincer / Fibrizer										
	Shaft Diameter	250 MM				Motor	Detail			Gear Box De	tail
	Hammer OD - Swing dia	2100mm			H.P.	RPM		AMPS	Make	Туре	Ratio
	Tip to Slat Distance	65 MM									
	Hammer Tip to Anvil Plate Distance	F - 100 C- 60 D-20									
	Hood Centre Slat Distance	940									
	Pedesteal Centre to Pedestal Distance	2340									
	Hammer	112 nos.									
	Clearence	20-60-100									
	RPM	800									
	Steam Turbine - Bellies, Type - MS-26	2000BHP									
	RPM	5000									
	Rotor / Gear Speed	5000/ 1000									
	Trip Speed	5500									
	Steam Pr.	32 Kg./m3									
	Exhaust	1.5 kg./cm2									
3	Rake Elavator -										
	Number of Sprocket	4 Nos.				Motor	Detail			Gear Box De	tail
	Drive Sprocket OD	1040			H.P.	RPM		AMPS	Make	Туре	Ratio
	Shaft OD	150									
	Bosch OD	300	Direct Coupled		40/150	1440		50/70	-		108:1
	Pitch	9"									
	Length of Chain	90 M									
	Number of Rakes	66 Nos									
	No. of Teeth Sprocket (Driver)	14 Nos.									
)	Inter Rake carrier - 1										
	Number of Sprocket	4 nos.					Detail			Gear Box De	
	Drive Sprocket OD	1040			H.P.	RPM		AMPS	Make	Туре	Ratio
	Shaft OD	135			30	960		37	Radicon	Horizental	120/1
	Bosch OD	300									
	Pitch	9"									
	Sprocket Teeth Driver	14 nos.									
	Length of Chain	22 M									
	Number of Rakes	30 nos.									

Inter Rake carrier - 2&3										
Number of Sprocket	4 nos.				Moto	r Detail	J		Gear Box D	etail
Driver Sprocket OD	1040			H.P.	RPM		AMPS	Make	Type	Ratio
Shaft OD	138			40	970		45			120/.1
Bosch OD	260									
Pitch	9"									
Sprocket Teeth Driver	14 nos.									
Length of Chain 3rd IRC	65 mtr									
Number of Rakes	62									
Mill No- 1										
		Motor	power	F.M.G. Gear	Open gear	Pinion	R.P.M.			
		R.P.M.	KW							
		993	500	36/1	129	25				
Shaft No.	Roller	OD	Pitch	Depth	Angle	RPM	Lift			
	Тор	812	50	45	50					
	Feed	808	50	57	40	1				
	Discharge	830	50	48	45	1	1			
			1				1			
GRPF No. 1	Motor	power	F.M.G. Gear	Open gear	Pinion	R.P.M.	1			
	1493	250 KW	70/1	92	25					
	Roller	OD	Pitch	Depth	Angle	RPM				
	Тор	1010	60	69	40					
	Bottom	1020	60	69	40					
	Under	924	30	30	40					
	Feed									
Mill No- 2										
		Motor RPM	power KW	F.M.G. Gear	Open gear	Pinion	R.P.M.			
		993	500	33/1	129	26				
Shaft No.	Roller	OD	Pitch	Depth	Angle	RPM	Lift			
2	Тор	800	50	45	50					
4	Feed	795	50	57	40					
3	Discharge	812	50	50	45					
GRPF NO. 2	Motor	power	F.M.G. Gear	Open gear	Pinion	R.P.M.				
	960	250 KW	153/1							
	Roller	OD	Pitch	Depth	Angle	RPM				
	Тор	960	60	69	40					
	Bottom	927	60	69	40					
	Under	1010	30	35	35					
	Feed			<u> </u>			1			
Mill No- 3					1		 			
		Motor RPM	power KW	F.M.G. Gear	Open gear	Pinion	R.P.M.		GRPF(OD*Le	ngth)
		960	500	33/1	129	26				
Shaft No.	Roller	OD	Pitch	Depth	Angle	RPM	Lift			
11	Тор	810	38	32	50	_				
9	Feed Discharge	768 825	38 38	42 36	40 45	_	1			
14										1

1	GRPF NO. 3	Motor	power	F.M.G. Gear	Open gear	Pinion	R.P.M.				
		1440	250H.P.	168/1							
		Roller	OD	Pitch	Depth	Angle	RPM				
		Тор	998	50	57	40					
		Bottom	984	50	57	40					
		Under Feed	945	50	57	40					
14	Mill No- 4										
			Motor RPM	power KW	F.M.G. Gear	Open gear	Pinion	R.P.M.			
			993	500	35/1	129	29				
	Shaft No.	Roller	OD	Pitch	Depth	Angle	RPM	Lift			
	13	Тор	820	38	32	50					
	10	Feed	813	38	41	40	-				
	12	Discharge	825	38	32	50					
		-									
	GRPF NO. 4	Motor	power	F.M.G. Gear	Open gear	Pinion	R.P.M.				
		1440	250 KW	35/1	129	29					
		Roller	OD	Pitch	Depth	Angle	RPM				
		Тор	875	35	37	40					
		Bottom	890	35	37	40					
		Under Feed	900	30	30	40					
15	Pump For Mills			Motor Detail	•		1	Pump Details			
				H.P.	RPM	AMPS	Make	Туре	Size	Head	Discharge
	Unscreened Juice Pump - I			40	900	55					
	Screened Juice Pump - I			120	1440	110	sintech	6 HM 150/3	6" X 6"	65 M	260 m3/hr
	Screened Juice P ump - II			100	1460	36	sintech		6" X 6"	65 M	260 m3/hr
	meceration Juice Pump - I			30	1440	103	sintech	PKD 125/4	6" X 8"	65 M	150 m3/hr
	meceration Juice Pump - II			30	1440	103	sintech	PKD 125/4	4" X 5"	15 M	150 m3/hr
	Imbition Pump - I			30	960	35	sintech			60 M	150 m3/hr

NEW MILL TANDEM

16	Cane Unloader 1 &2								
	Туре	Grab Type							
	Capacity	5 Tonne							
	Working Span	22 Mtr.							
	Lift	9 Mtr.							
17	Cane Unloader 3								
	Туре	Grab Type							
	Capacity	5 Ton							
	Working Span	22 Mtr.							
	Lift	9 Mtr.							
	Lift	9 Mtr.							
18	Cane Carrier								
	Туре			Motor Detail		(Gear Box Detail		
	Width	1700 MM	H.P.	RPM	AMPS	Make	Туре	Ratio	
	Length	53 M							
	Depth	1350 MM							

l	Drive	VFD	<u> </u>	75	1400	71		Helical	4::1		
	No. of Sprocket	4 nos.		+	+	1		1			
	No. of Teeth	16 Teeth		+							
	Sprocket Teeth to Teeth Dia	850 MM		+							
	Length from leveller to fibrizer	13.150 M.		+							
	Dist. From Kicker to leveller	3500 MM.		+							
	Zioni i romi radico to lovello:	0000				1			l		
19	Cane Leveller I			1		1			1		
	Leveller Dia	1500		+		Motor	r Detail	<u> </u>		Gear Box Det	ail
	2070:10: 2:0	1.000		+	H.P.	RPM	1	AMPS	Make	Туре	Ratio
	Tip to Slat Distance	700			250	587		340		.,,,,,	
	Knives	28		+	+			+			
	Pitch	85		+							
	Balance Wheel OD x Width	860 x 240		+							
20	Cane Leveller - II	000 // 2.10		+							
	Leveller Dia	1575	 	+	+	Motor	r Detail	1		Gear Box Det	I ail
	Shaft Diameter	175		+	H.P.	RPM		AMPS	Make	Туре	Ratio
	Tip to Slat Distance	290		1	250	587		340		. , , , ,	
	Leveller Knife Tip to Hood Top			ıı .				0.0			
	Distance	610 MM		"	110	587					
	Knives	40 MM		1							
	Pitch	45 MM		1							
	Clearence	290 MM		1							
	Balance Wheel OD X Width (flywheel)	860 x 242									
22	Mincer / Fibrizer										
	Shaft Diameter					Motor	r Detail			Gear Box Det	ail
	Hammer OD - Swing dia	1930mm		1	H.P.	RPM		AMPS	Make	Туре	Ratio
	Hammer Tip to Anvil Plate	F - 100 C-		1							
	Distance	60 D-20									
	Hammer	96 nos.									
	Clearence	20-60-100									
	RPM	750									
	MOTOR KW	2000 KW									
	RPM	5000									
	Main Rake Elavator -										
	Number of Sprocket	4 Nos.				Motor	r Detail			Gear Box Det	ail
	Drive Sprocket OD	1040			H.P.	RPM		AMPS	Make	Туре	Ratio
	Pitch	9"									
L					30	1470		50/70	-	-	186/1
23	Inter Rake carrier - 1&2										
	Number of Sprocket	4 nos.					r Detail			Gear Box Det	
	Sprocket Teeth Driver	12 nos.			H.P.	RPM		AMPS	Make	Туре	Ratio
	Pitch	200mm			15	1450					N2-14.11
24	Inter Rake Elavator -3 & 4										
	Number of Sprocket	4 nos.					r Detail			Gear Box Det	
	Pitch	200 mm			H.P.	RPM		AMPS	Make	Туре	Ratio
	Sprocket Teeth Driver	12 nos.			10	1450					N2-10.5
25	Mill No- 1		· · · · · · · · · · · · · · · · · · ·								
_				power KW	F.M.G. Gear	Open gear	Pinion	R.P.M.		1	

1		-	R.P.M.	1	Ì	Ì	1 1			1	
			995	750	25.34	138	21				
				700	20.04	100	21				
		Roller	OD	Pitch	Depth	Angle	RPM	Lift	length		
		Тор	835	50	45	50	13		1520		
		Feed	820	50	58	40	1				
		Discharge	830	50	48	45	1				
	GRPF No. 1	Motor	power	F.M.G. Gear	Open gear	Pinion	R.P.M.				
		1440	250 KW	55.89/1	145	33					
		Roller	OD	Pitch	Depth	Angle	RPM		length		
		Тор	823	50	50				1520		
		Bottom	797	50	50						
		Under Feed	698	50	45						
26	Mill No- 2										
			Motor RPM	power KW	F.M.G. Gear	Open gear	Pinion	R.P.M.		1	
			995	750	25.34/1	138	21				
	Shaft No.	Roller	OD	Pitch	Depth	Angle	RPM	Lift	length		
	2	Тор	800	50	45	50			1520		
	4	Feed	795	50	57	40					
	3	Discharge	812	50	50	45					
		Under Feed	835	70							
27	Mill No- 3										
			Motor RPM	power KW	F.M.G. Gear	Open gear	Pinion	R.P.M.	G	RPF(OD*Lengtl	n)
			980	500	25.34/1	138	21				
					1	1					
	Chaff No.	Dellas	OD	Dital	Donath	A	DDM	1 :44	la a sath		
	Shaft No.	Roller	OD	Pitch	Depth	Angle	RPM	Lift	length		
	Shaft No.	Тор	810	38	32	50	RPM	Lift	length 1520		
	Shaft No.	Top Feed	810 768	38 38	32 42	50 40	RPM	Lift	_		
	Shaft No.	Top Feed Discharge	810	38	32	50	RPM	Lift	_		
	Shaft No.	Top Feed	810 768	38 38	32 42	50 40	RPM	Lift	_		
28	Shaft No. Mill No- 4	Top Feed Discharge Under	810 768 825	38 38 38	32 42	50 40	RPM	Lift	_		
28		Top Feed Discharge Under	810 768 825	38 38 38	32 42	50 40	RPM	Lift R.P.M.	_		
28		Top Feed Discharge Under	810 768 825 835	38 38 38 70	32 42 36	50 40 45			_		
28		Top Feed Discharge Under	810 768 825 835 Motor RPM	38 38 38 70	32 42 36 F.M.G. Gear	50 40 45 Open gear	Pinion		_		
28		Top Feed Discharge Under	810 768 825 835 Motor RPM	38 38 38 70	32 42 36 F.M.G. Gear	50 40 45 Open gear	Pinion		_		
28	Mill No- 4	Top Feed Discharge Under Feed Roller Top	810 768 825 835 Motor RPM 990 OD 820	38 38 38 70 power KW 500 Pitch 38	32 42 36 F.M.G. Gear 25.34/1 Depth	50 40 45 Open gear 138 Angle 50	Pinion 21	R.P.M.	1520		
28	Mill No- 4	Top Feed Discharge Under Feed Roller	810 768 825 835 Motor RPM 990 OD 820 813	38 38 38 70 power KW 500 Pitch 38 38	32 42 36 F.M.G. Gear 25.34/1 Depth 32 41	50 40 45 Open gear 138 Angle 50 40	Pinion 21	R.P.M.	1520		
28	Mill No- 4	Top Feed Discharge Under Feed Roller Top Feed Discharge	810 768 825 835 Motor RPM 990 OD 820	38 38 38 70 power KW 500 Pitch 38	32 42 36 F.M.G. Gear 25.34/1 Depth	50 40 45 Open gear 138 Angle 50	Pinion 21	R.P.M.	1520		
28	Mill No- 4	Top Feed Discharge Under Feed Roller Top Feed	810 768 825 835 Motor RPM 990 OD 820 813	38 38 38 70 power KW 500 Pitch 38 38	32 42 36 F.M.G. Gear 25.34/1 Depth 32 41	50 40 45 Open gear 138 Angle 50 40	Pinion 21	R.P.M.	1520		
	Mill No- 4	Top Feed Discharge Under Feed Roller Top Feed Discharge Under	810 768 825 835 Motor RPM 990 OD 820 813 825	38 38 38 70 power KW 500 Pitch 38 38 38	32 42 36 F.M.G. Gear 25.34/1 Depth 32 41	50 40 45 Open gear 138 Angle 50 40	Pinion 21	R.P.M.	1520		
	Mill No- 4 Shaft No.	Top Feed Discharge Under Feed Roller Top Feed Discharge Under	810 768 825 835 Motor RPM 990 OD 820 813 825	38 38 38 70 power KW 500 Pitch 38 38 38	32 42 36 F.M.G. Gear 25.34/1 Depth 32 41	50 40 45 Open gear 138 Angle 50 40	Pinion 21	R.P.M.	1520		
	Mill No- 4 Shaft No.	Top Feed Discharge Under Feed Roller Top Feed Discharge Under	810 768 825 835 Motor RPM 990 OD 820 813 825 845	38 38 38 70 power KW 500 Pitch 38 38 38 70	32 42 36 F.M.G. Gear 25.34/1 Depth 32 41 32	50 40 45 45 Open gear 138 Angle 50 40 50	Pinion 21 RPM	R.P.M. Lift	1520		
	Mill No- 4 Shaft No.	Top Feed Discharge Under Feed Roller Top Feed Discharge Under	810 768 825 835 Motor RPM 990 OD 820 813 825 845	38 38 38 70 power KW 500 Pitch 38 38 38 70 power KW	32 42 36 F.M.G. Gear 25.34/1 Depth 32 41 32 F.M.G. Gear	50 40 45 45 Open gear 138 Angle 50 40 50	Pinion 21 RPM	R.P.M. Lift	1520		

		Top	820	38	32	50			1520		
		Feed	813	38	41	40	†				
		Discharge	825	38	32	50	†				
	GRPF NO. 5	Motor	power KW	F.M.G. Gear	Open gear	Pinion	R.P.M.				
		990	250 KW	153/1							
		Roller	OD	Pitch	Depth	Angle	RPM				
		Тор	875	50	50						
		Bottom	890	50	50						
		Under	900	50	45						
		Feed									
30	Baggase Elevator										
	Туре	Slat				Motor Detail			ear Box Detail		
	Chain Size	6"			H.P.	RPM	AMPS	Make	Туре	Ratio	
	No. of Slats	65			40	960		Radiction	41000	40::1	
	No. of Sprocket Teeth	12 Nos.			6"					М	
	No. of Sprocket	4 Nos.									
	Slats Size (L X W X T)	1105 X 250 X	5								
31	Boiler No. 1										
	working Pressure	21 kg/cm2				Motor Detail			Pump Details		
	Capacity	22 T.P.H			H.P.	RPM	AMPS	Make	Size	Head	Discharge
	H.S in M2	1160 M2	ID Fan Motor		250	1460	250				
	Furnace	Dumping	FD Fan Motor		50	1440	52				
	Grate Area (M2)	16 M2	Feed Pump Motor - 1		150	2900	200	KSB	MS	326 M3	82 M3/Hr
	Super Heater H.S.	96.0 M2	Feed Pump Motor-2		75	2900	100	KSB	MS	304 M	35 M3/Hr
	Super Heat	127'C	Turbo Feed Water Pump								
	Soot Blower	3 Nos.	FD Air Temp. after APH	140 / 150							
	I.D. Fan		Flue gas Temp. after APH	190							
	I.D. Fan RPM	800	Flue gas Temp. after SH								
	I.D. Fan Diameter	2.800 MM									
32	Boiler No. 2 Ref. WIL										
				POWER	RPM						
	Pressure	65 Kg.Per Cm2	ID Fan Motor	320 kw	990						
	Capacity	57 TPH	FD FAN	110 HP	1440						
	Heating Surface Area	3185m2	SA FAN	160 HP	1440						
L	Temprature	485 C									
33	Boiler No. 3 THEMAX/40TPH										
				POWER	RPM						
	Pressure	32 Kg.Per Cm2	ID Fan Motor	320 kw	960	300					
	Capacity	40 TPH (After Modificatio n)									
			FD FAN	100 HP	1440	110					

1	Heating Surface Area		SA FAN	160 HP	1440	110					
	Furnace	351 m2	410-470 m2								
	Boiler Bank	695 m2	800+1000m2								
	Economizer	365 m2	250-400m3								
	Super Heater	133 m2									
	Air Heater	810	1150m2								
	Boiler Bank	695 m2	800+1000m2								
	Economizer	365 m2	250-400m3								
	Super Heater	133 m2									
	Air Heater	810	1150m2								
34	Boiler No. Thermax 70TPH										
	working Pressure	67 kg/cm2				Motor Detail	l		Pump Details	ı	
	Capacity	70 T.P.H			KW	RPM	AMPS	Make	Size	Head	Discharge
	H.S in M2	4185 M2	ID Fan Motor	2 Nos	315/250	990					
	Furnace	Dumping	FD Fan Motor	2 Nos	110/110	1440					
			SA Fan Motor	2 Nos	160	1440					
			Feed Pump Motor -		320	2900		KSB	MS	950	65 M3/Hr
			Feed Pump Motor-2		320	2900		KSB	MS	950	65 M3/Hr
			Feed Pump Motor -		400	2900		KSB	MS	950	90 M3/Hr
			Feed Pump Motor-4		400	2900		KSB	MS	950	90 M3/Hr
35	Chimney										
	Material	RCC									
	Diameter	4200 mm									
	Height	56 m									
	Draft	Balanced									
36	Work Shop										
					Motor Detail		(Gear Box Detail	•		
				H.P.	RPM	AMPS	Make	Туре	Ratio		
	Lathe Machine 1	6 ft x 12"		5	1460	7					
	Lathe Machine 2	12 ft x 16"		15	1460	20					
	Lathe Machine 3	12 ft x 16"		15	1460	20					
	Lathe Machine 4	22 ft x 30"	_	15	960	21					
	Shaper Machine No.1			2	1440	3					
	Shaper Machine No.2			5	1440	7					
	Grinder Heck Saw Machine			2	2900	3					
37	Juice Heater	V.L.J.H.	V.L.J.H.								
Α				1	2	5		Cl.J.H.	DY.J.H.		JH 2Nos New 6
	Heating Surface	300 M2	175 m2	350 M2	250 M2	215 M2	260 M2	170 m2	300M2-2	500 m2	350m2
	Tube Length	4010 MM	4010 MM	4010 MM	4010 MM	4010 MM	4010 MM	4010 MM	4010 MM	4010	4010mm
	ID / OD	42/ 45 MM	42/45 mm	47/50 MM	42/45 MM	42/45 MM	42/45 MM	42/45 MM	42/45	42/45	42/45
	Material	S.S.	Brass	Brass	Brass	Brass	Brass	Brass	Brass	Brass	ss
	No. of Tubes	576	320	640	460	400	480	320		920	640
	Tubes / Pass	26	32	28	36	20	20	16	26	45	28
37 B	Juice Heater	New			DCH-1	DCH-2			1		
٥	Harris O. C.	1000	4000	4000					1		
	Heating Surface	400 m2	400 m2	400 m2							

ı	Tube Length	6010	6010	6010	T						
ı	ID / OD	42/45	42/45	42/45							
i.	Material	S.S.	S.S.	S.S.							
ı	No. of Tubes	490	490	490							
ı	Tubes / Pass	40	40	40							
38	Juice Sulphiter 1	1									
1					Motor Detail			Gear Box Detail	1		
ı				H.P.	RPM	AMPS	Make	Туре	Ratio		
ı				20	960	18	Redicon	V- 800	.50:1		
ı	Working Capacity		180 H.L.					1 222	10011		
ı	Stirrer Speed		19 R.P.M.								
ı	Working Height		2 Mtr.				Pump Details	1			
ı	3 2 3 1						Make	Туре	Size	Head	Discharge
ı			Sulphited Juice Pum	100	1440	130	Vikas	VKD/150/5	200 x 150	65 Mtr.	260 M3/hr
ı			Sulphited Juice Pum	100	1440	130	Vikas	VKD/150/5	200 x 150	65 Mtr.	260 M3/hr
39	Juice Sulphiter 2					1.22			1	- *	
 I					Motor Detail	L		Gear Box Detail	1	+	
ı				H.P.	RPM	AMPS	Make	Туре	Ratio	+	
ı				20	960	18	Redicon	V- 800	.50:1	+	
ı	Working Capacity		320 H.L.			10		. 555			1
ı	Stirrer Speed		16 R.P.M.				1	1			
ı	Working Height		2 Mtr.				1	1			
ı	Tronking Holghi		Z Witt.				1	+			+
40	Juice Sulphiter 3						1	+			+
1	Calco Calpinioi C				Motor Detail			L Gear Box Detail			+
ı				H.P.	RPM	AMPS	Make	Туре	Ratio		
ı				20	960	18	Redicon	V- 800	.50:1		
ı	Working Capacity				000		i touloui	1 000	100.1		
ı	Stirrer Speed		19 R.P.M.				1	1			
ı	Working Height		2 Mtr.				1	+			+
ı	Dia		5.5 Mtr				1	+			+
41	Clarifier 1 & 2		0.0 111.0		Motor Detail			L Gear Box Detail			
	Old			H.P.	RPM	AMPS	Make	Туре	Ratio		
ı	Make		Clarifier				1	1.76-0	1		
ı	Size		30 x 20 Ft. (5 Compartmen	nt)							
ı	Capacity		330 T , 4000 HL	7.5	1440	10	Elecone	U-400	60.:1		
ı	Stirrer RPM				1			2 .55		+	
ı	New				<u> </u>					+	
ı	Make				<u> </u>					+	
ı	Size		Clarifier								
ı	Capacity		30 x 20 Ft. (4 Compartmen	nt)							
ı	Stirrer RPM		430 T , 4000 HL	5	1440			U-400	60.:1		1
ı								0 400	301		1
42	Sulpher Burner			6., 6	ulphitor	luia- C	Culphitor	1			1
 	Calphot Sarrier			1 1	ulphiter 2	3	Sulphiter 4		1		
ı	Capacity		+	100 Kg./hr	70 Kg/hr	250 Kg/hr	200 Kg./hr	1			1
	- apaony					_	_00 1.g./III	4	—		
1	Tray Area			I1 35 M2	Cont	Cont					
	Tray Area Make			1.35 M2 Batch Type	Cont. Satwik	Cont. Satwik	filmtype	_			

					1	2	3	4		5		
				Make	Arzen	SLM	Ehibon					
				Туре	GR 77	RP 50	ROUBAIX					
				Air Pressuer	1Kg/M2	1Kg/M2						
				Qty.	1200 M3/hr	1600 M3/hr	800 M3/HR	500 M3/HR	2000m3/Hr	•		
				Motor Details	H.P.	AMPS						
				1	40	50						
				2	30	30						
				3	30	40						
Rotory Vaccume Filter												
	1		2	3								
Make-		Rajput Engg.	Raj Engg.	Triveni								
Size -		12ft* 24ft	12 ft.x 24ft.	8 ft.x 16ft.								
Filter Area		76 M2	76 M2	36 M2		Motor Details	1		Gear Box Det	aisl		
De feeding 005 H is ti	0		625	625 Holes/		1						
Perforation- 625 Holes/ inc	. Sq.		Holes/ inc. Sq.	inc. Sq.	H.P.	R.P.M.		Make	Туре	Ratio		
				1st Oliver								
				Drum Drive	3	1440		C.P.E.C.	U- 400	30.: 1		
				Agitator	3	1440		C.P.E.C.	U- 400	60.: 1		
				2nd Oliver								
				Drum Drive	3	1440	Ratio	C.P.E.C.	U- 400	30.: 1		
				Agitator	3	1440	40/1	C.P.E.C.	U- 400	60.: 1		
				Drum Drive	5	1440	40/1			Pump Details	i	
				Agitator	3	1440		Make	Туре	Size	Head	Discharge
				Mud PumP No.1	10HP	1440		SINTECH	3 NK 10	80 x 80	20 Mtr.	50 M3/hr
				Mud PumP No.2	10HP	1440	ı	Kirlosker	3 NK 10	80 x 80	20 Mtr.	12.1/12 Ltr/Se
				Filter Pump No.1	10HP	1440		SINTECH	BKW 65/2	80 x 50	20 Mtr.	30 m3/hr
				Filter Pump No.2	10HP	1440		Kirlosker	BKW 65/2	80 x 50	12 Mtr.	30 m3/hr
				Vaccume Pump 1	100	1440		Vacunair	11.09.29			2200 m3/hr
				Vaccume Pump 2	75	640	55	Vacunair	11.096.29		700 HAG	2200 m3/hr
Mud Conveyar				·	10	1440	25/1			1		
Clear Juice Pump						Motor Details	1			Pump Details		
					H.P.	R.P.M.		Make	Size	Head	Discharge	
			Pump No 1		100	1440	AMPS	SINTECH	200 x 150	60 M	260 M3/ hr.	
			Pump No 2		100	1440		Vikas	200 x 150	60 M	260 M3/ hr.	
			Pump No 3		240	1440		Kirlosker 150*		450 M3/hr	1	
Lime Slaker		+	1		1	1	-		1	100 1/10/111		
		+				Motor Details	I	Gear	Box Details		+	
		1		+	+				1 3.00		 _ _	-
					H.P.	R.P.M.	AMPS	Type			Raio	

47	MOL Tanks										
ŀ						Motor Details		Gea	r Box Detaisl		
			Capacity	Strirer RPM	H.P.	R.P.M.	AMPS	Make	Туре	Ratio	
	Tank No. 1		150 H.L.		7.5	1460	7	Redicon	V-600	50.: 1	
	Tank No. 2		150 H.L.		7.5	1460	7	Redicon	V-600	50.: 1	
	Tank No. 3		125 H.L.		7.5	1460	7	Redicon	V-600	50.: 1	
										Pump Details	
							Make	Туре	Size	Head	Discharge
			Lime Pump No. 1	5	1460	7	Kirlosker	KPD 40/20	65 x 40	20 Mtr.	20 M3. / Hr
ĺ			Lime Pump No. 2	5	1460	7	Kirlosker	3 NK 10 H	65 x 40	20 Mtr.	16 Ltr./Sec
			Lime Pump No. 3	10			Kirlosker		65 x 40	20Mtr	15 m3/hr
	Juice Sulphited Pump		Capacity		HP	Nos.	AMPS				
ĺ			400 M3		150	1	140				
İ			260 M3		100	2	90/100				
48	Evaporators	1 (New)	2 (Old)	New							
İ		Semikestn									
		er	Semikestner	Vapour cell	IIIrd body	1st	2nd	3rd	4th	new	New
	H.S. in M2	2200	1300	2000	1400	560	440	440	440	1000	1800
	Diameter in MM	-									
	Tube length in MM	4010	6010	2010	2010	2010	2010	2010	2010	2010	2010
	Tubes Nos.	4150	1688	7800	5700	2100	1666	1666	1666	3800	6856
	Tubes ID in MM	42	42	42	42	42	42	42	42	42	42
	Tubes OD in MM	45	45	45	45	45	45	45	45	45	45
	Tube Height	-	57/50	2000	1950						
	Vapour Pipe Dia in MM	1100	1100	900	900					900	900
	Save - all	C/f type	C/f type	C/f type	C/f type	C/f type	C/f type	C/f type	C/f type	c/f type	C/f type
49	Evaporators										
		Semikestn er	Semikestner	Vapour cell	Body						
	H.S. in M2	2500	2500	3500	800						
	Diameter in MM										
	Tube length in MM	4010	4010	2500	2010						
	Tubes Nos.	4630	4630	10585							
	Tubes ID in MM	42	42	42	42						
	Tubes OD in MM	45	45	45	45						
	Tube Height										
	Vapour Pipe Dia in MM	1100	1100	1100	1100						
	Save - all	C/f type	C/f type	C/f type	C/f type	C/f type	C/f type	C/f type	C/f type	c/f type	C/f type
50	Condensate Pump										
					Motor Details	_			Pump Details	1	
				H.P.	R.P.M.	AMPS	Make	Туре	Size	Head	Discharge
	Juice Heater Condensate Pumps- 1 & 2	02 Nos.		7.5	2900	10	Kirlosker		50x 65	39 Mtr.	4.67 Mtr./hr .
	Juice Heater Condensate Pumps- 3 & 4	02 Nos.		15	1440	20	Kirlosker		80 x 50	55 Mtr.	55 M3 /hr
ļ	Semikestenr Condensate Pump- 1			15	1440				100 x 75	55 Mtr.	110 m3/hr.
ļ	Semikestenr Condensate Pump- 2			55	1440				200 x 150	60 Mtr.	140 3/hr.
ļ	Vapour Cell Condensate Pump -1			15	1440		Kirlosker		75 x 60		
	Vapour Cell Condensate Pump -2			15	1440		Kirlosker		75 x 60		

	Body No. 4 Condensate Pump- 1			15	1440		Kirlosker		100 x 75	30 Mtr.	4.67 /Sec.
	Body No 4Condensate PumP- 2			20	1440	40	Kirlosker		150 x 125	50 Mtr.	50 M3 /hr.
	2000Vapour Cell Condensate Pump1&2				1440						75m3/hr
	1000Vapour Cell Condensate Pump1&2			15	1440		Kirlosker		80X65	36m	50m3/hr
51	Syrup Pump										
					Motor Details			Pu	mp Details		
				H.P.	R.P.M.	AMPS	Make	Туре	Size	Head	Discharge
	Unsulphited Syrup Pump No. 1			40	1440		Vikas		150 x 125	50 Mtr.	65 M3/hr
	Unsulphited Syrup Pump No. 2			75	1440		Kirloskar		150 x 200	60 mtr	100 m3/hr
2	Syrup Sulphitor Tank										
	Working Capacity	110 H.L.	180 HL								
	Working Height	1700 mm	1500mm								
3	Over Head Tanks (for Molasses)										
	Storage	Melt	A.L. + A.H.	B.H.	C.L.	Syrup	C1 Hy				
	Number	2	10 + +	3	2	40	1				
	Capacity in M3	10	10	10	20	10	10				
	Sy. Tank	4	300 HL	AL-175/HL-1	Melt-1/HL-2	AH-5/HL-165	BH-4/HL-165	C1H-165/HL-1	CL-31/HL-180	HL-190/HL-77	
4	Vaccum Pans	1	2	3	4	5	6	7	8	9	1
	Boiling	A Mass (1)	A Mass (2)	A Mass (3)	A/B Mass (4)	B Mass (5)	B Mass (6)	B/C Mass (7)	C Mass (8)	C Mass (9)	C Mass (10)
	Туре	Low head	Low head	Low head	Low head	Low head	Low head	Low head	Low head	Low head	Low head
	Down Take	Central	Central	Central	Central	Central	Central	Central	Central	Central	central
	Capacity in m3	42	56	42	42	42	28	28	28	28	
	in M.T.	60	80	50	60	60	40	40	40	40	80
	H.S. in M.T.	285	403	250	277	250	185	185	185	185	
	Tubes	1168	1510	750	1062	750	550	550	550	550	
	I.D. / O.D.	98/102	98/102	98/102	98/102	98/102	98/102	98/102	98/102	98/102	98/102
	Length in mm	900	900	1210	900	1210	1120	1120	1120	1120	75
	S/V Ratio										
	Material	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
	Save-all	C/f type	C/f type	C/f type	C/f type	C/f type	C/f type	C/f type	C/f type	C/f type	C/f type
5	Pans	11	12	13	14						
	Boiling	A Mass (1)	A Mass (2)	B Mass	C Mass						
	Туре	Low head	Low head	Contineous	Contineous						
	Down Take	Central	Central								
	Capacity in m3										
	in M.T.	120	120	40 T/hr	30 T/hr						
	H.S. in M.T.	625	625	1250	785						
	Tubes	2498	2230	3550	3040						
	I.D. / O.D.	98/101.6	98/101.6	100.37/102	100.37/102						
	Length in mm	800	900	900	900						
	S/V Ratio			11 compt	11 compt						
	Material	SS	SS	SS	SS						
	Save-all	C/f type	C/f type	1							

56	Falling Film	Capacity	Tube ID	Tube OD	Tube Length						
		3500 m2	42.6	45	10010						
	Falling Filling Pum	Make	Capacity	HP	AMP	Head	Nos.				
		Syntech	400 M3/hr.	150	140	40 M	1				
57	Pan Condensate	Syntech	260 M3/hr.	75	90	36 M	4				
					Motor Details				Pump Details	3	
				H.P.	R.P.M.	AMPS	Make	Type	Size	Head	Discharge
	Condensate Pump-1			15	1460	30	Kirloskar	DB 100/40	100 x 75	55 mtr	27.7 ltr/sec
	Condensate Pump-2			40	2900	15	Kirloskar	KDS 1030	80 x 50	30 mtr	16 ltr/sec
	Condensate Pump-3			30	1440			DB 100/125	100 x 125	30 mtr	
58	Condensers										
		1+1 - Quad	Pan - 1	Pan - 2	Pan - 3	Pan - 4	Pan - 5	Pan - 6	Pan - 7	pan-7	
	Diameter in mm	1100	790	910	1050	1150	1150	1150	1150	1500	
	Height in mm	2500	2050	2440	2700	1900	1900	1900	1900		
	Vapor inlet dia	1000	1100	1100	1050	920	920	920	920	1500	
59	Injection Pump										
					Motor Details	ı		T	Pump Details		T
				H.P.	RPM	-		Head		acity	
	1			100	1440			20 Mtr		m3/hr	
	2			100	1440			20 Mtr		m3/hr	
	3			100	1440			20 Mtr		m3/hr	
	4			100	1440			20 Mtr		m3/hr	
	5			100	1440			20 Mtr		m3/hr	
	6			100	1440			20 Mtr	700	m3/hr	
	7	Verticle Pump		400	960			22 Mtr	3000 m3/hr		
	8	Verticle	2 Nos	250	960			22 mtr	1400 m	13/hr	
60	Spray Pond										
					Motor Details				Pump Details		
				H.P.	R.P.M.	AMPS	Make	Туре	Size	Head	Discharge
	Nozzals	480	2 Nos	150	960		Kirloskar	MF 35 x 35	350 x 350	10 mtr	1600 m3/hr x 5 nos
	Туре	Involute	2 Nos	150	960	128	Kirloskar	MF 35 x 35	350 x 350	10 mtr	1600 m2/hr
	Туре	Involute	1 Nos	150	960	125	Kirloskar	MF 35 x 35	350 x 350	12mtr- 20mtr	1600 m3/hr
61	Cooling Tower										
					Motor Details				Pump Detail:		•
				H.P.	R.P.M.	AMPS	Make	Туре	Size	Head	Discharge
	Make	Armec		215	1440	265		12 UP .H-1		15 mtr	1200 m3/hr
	No. of Nozzals	702							1		
	Capacity	1200 m3/hr							1		
	Note	1200 m3/hr		100		120		UP 12	1		
62	Horizontal Crystizer Capacity	I		Г	1			T	1		
	1 no.	85 M.T. air cool				Motor Details					
	100 M.T.										
	3,4&5	65 M.T. air						Ger Box Detail			
	-,	cool									<u> </u>

6	2700404440 842	45 M.T.air		H.P.	RPM	AMPS	Maka	Turne	Datia		
L	5,7,8,9,10,11,12, & 13	cool					Make	Туре	Ratio		
C	Cooling 14		Crystizer No.1	7.5	1440	14		Planatery			
L			crystilizer No. 2	7.5	1440	14		u-800	60/1		
			Crystizer No.3	7.5	1440	14		Planatery	1.397		
			Crystizer No.4	7.5	1440	14		Planatery	1.49		
			Crystizer No.5	7.5	1440	14		Planatery	25.:1		
			Crystizer No.6	7.5	950	14		U-500	25.:1		
L			Crystizer No.7	7.5	950	14		U-500	25.:1		
L			Crystizer No.8	7.5	950	14		U-500	25.:1		
L			Crystizer No.9	7.5	950	14		U-500	25.:1		
			Crystizer No.10	7.5	950	7		U-800	60.:1		
			Crystizer No.11	7.5	950	7		U-800	60.:1		
			Crystizer No.12	7.5	950	10		U-800	60.:1		
L			Crystizer No.13	7.5	950	10		Planatery	60.:1		
L			Crystizer No.14	7.5	950	10		U-800	60.:1		
	vater cooled		twin vert. crytilizer	30	970	45		output 1.5rpm		400 Ton	
	Cold Water	Туре	Size	CapacityHead	Head	HP	RPM				
_	C" Vertical Crystalliser	KDD-50/26	50x80	50 m3/hr.	70 M	20	2940				
	lot Water										
	C" Vertical Crystalliser	KDD-50/26	50x80	50 m3/hr.	70 M	20	2940				
C	Cold Water	Type	Make	Size	Head	Model No.	Motor	RPM			
"	B" Vertical Crystalliser	SN-14247	Syntech	80x50	20	SSH 050/260	15	1450			
L											
Е	3 & C Continuous Pan Rece. Crys.	40 Ton	T. No. 2	5				Planatery	1:1		
L		400 Ton	B Vertical Crystalliser.	30	13.2			Planatery	1:1	400 Ton	
I	Primimg Pump	Make	Model	RPM	AMP	HP	Head	Suc & Delivery	Type	Nos.	
1		Syntech	SDW-50	1450	12	15	10 m3/hr.	50x50	650	1	
2	2	Syntech	SDW-40	1440		10	30 m3/hr.	40x40	650	2	
C	Centrifugal										
L			No of m/c		Motor Details						
L				H.P.	R.P.M.	AMPS					
	C/f Count. NK - 1100	C'FW	4	75	1460	102					
	Capacity	3 to 5 Ton		75	1460	102					
_	C/f Count. KC - 1100	C'FW	1	75	1460	102					
	Capacity	3 to 5 Ton		75	1460	102					
k	(C - 1500	CAW	2	75	1460	102					
C	Capacity	8 to 10 Ton/hr		75	1460	102					
C	C/f Count. MK -1100 - 1	B' FW		75	1460	102					
1	Name att	8 to 10		75	4.400	450					
	Capacity	Ton/hr		75	1460	150					
C	C/f Count. NK - 1503 - 1	B'	4	120	1440	150				Not	Working
C	Capacity	12 to 15 Ton/hr									
L		A Mass.									
	Fully Autometic Machine	A Mass.		145 KW	4 Speed						
S	Size										
	NK-1100 - 1										
k	(C-1500 - 3										

CAW - NK-1100 - 1										
MK-1100 - 1										
Capacity	1000 Kg/Charge	1		4 Speed						
	A Mass.									
Drive R.P.M. Fully Autometic Machne	1750									
Capacity Drive R.P.M.	Kg.per									
	charge	4	145 kw	4 Speed						
	A Mass.									
Drive R.P.M. Fully Autometic Machne	1750									
Capacity Drive R.P.M.	Kg.per									
	charge	1	215 kw	4 Speed						
Air Compressor (Centrifugal M/c)										
	1	2	3	4			Motor Details			
Make	I&R	I&R		A & P		H.P.	R.P.M.	AMPS		
Туре	ESV - 1 - NL- 2	ESB - 1 -NL- 2	ESB - 1-LUV	NL	1	40/50	1450			
R.P.M.	750	750		750						
Air Pressure	7 kg/cm2	7 kg/cm2		7 Kg/cm	2	40	1450			
Discharge	125 m3/hr	125 m3/hr	125 PSIG	300 CFM	3	50	1450			
Size	7 x 5	7 x 5		11x7		75	1450			
Pumps	•	•				•	*	•	*	*
				Motor Details				Pumps Deta	ails	
			H.P.	R.P.M.	AMPS	Make	Туре	Size	Head	Discharge
Melting Pump No1			30	1440		Kirloskar	SHM 68x3	80x65	30M/t	45 M3 per Hi
Melting Pump No1 High Flow			30 30	1440 1440		Kirloskar Rotomac	SHM 68x3	80x65	30M/t	
High Flow							SHM 68x3	80x65	30M/t 100 mtr	60 M3 per H
High Flow A Heavy/ Molasses Pump - 1	high flow		30	1440		Rotomac	SHM 68x3	80x65 200x200		60 M3 per H 30 M3 per H
High Flow A Heavy/ Molasses Pump - 1 A Heavy/ Molasses Pump - 2	high flow		30 10	1440 1440		Rotomac Dev Engg	SHM 68x3		100 mtr	60 M3 per H 30 M3 per H 60 M3 per H
High Flow A Heavy/ Molasses Pump - 1 A Heavy/ Molasses Pump - 2 A Light Molasses Pump - 1	ů		30 10 15	1440 1440 1440		Rotomac Dev Engg rotomac	SHM 68x3	200x200	100 mtr 30 mtr	60 M3 per H 30 M3 per H 60 M3 per H 60 M3 per H
	ů		30 10 15 15	1440 1440 1440 1440		Rotomac Dev Engg rotomac	SHM 68x3	200x200	100 mtr 30 mtr	60 M3 per H 30 M3 per H 60 M3 per H 60 M3 per H 30 M3 per H
High Flow A Heavy/ Molasses Pump - 1 A Heavy/ Molasses Pump - 2 A Light Molasses Pump - 1 A Light Molasses Pump - 2 B Heavy Molasses Pump - 1	ů		30 10 15 15 10	1440 1440 1440 1440 1450		Rotomac Dev Engg rotomac	SHM 68x3	200x200	100 mtr 30 mtr	60 M3 per H 30 M3 per H 60 M3 per H 60 M3 per H 30 M3 per H 30 M3 per H
High Flow A Heavy/ Molasses Pump - 1 A Heavy/ Molasses Pump - 2 A Light Molasses Pump - 1 A Light Molasses Pump - 2 B Heavy Molasses Pump - 1 B Heavy Molasses Pump - 2	ů		30 10 15 15 10 10	1440 1440 1440 1440 1450 1155 1450		Rotomac Dev Engg rotomac	SHM 68x3	200x200	100 mtr 30 mtr	60 M3 per H 30 M3 per H 60 M3 per H 60 M3 per H 30 M3 per H 30 M3 per H 30 M3 per H
High Flow A Heavy/ Molasses Pump - 1 A Heavy/ Molasses Pump - 2 A Light Molasses Pump - 1 A Light Molasses Pump - 2 B Heavy Molasses Pump - 1 B Heavy Molasses Pump - 2 C Light Molasses Pump - 1	ů		30 10 15 15 10 10	1440 1440 1440 1440 1450 1155		Rotomac Dev Engg rotomac	SHM 68x3	200x200	100 mtr 30 mtr	60 M3 per H 30 M3 per H 60 M3 per H 60 M3 per H 30 M3 per H
High Flow A Heavy/ Molasses Pump - 1 A Heavy/ Molasses Pump - 2 A Light Molasses Pump - 1 A Light Molasses Pump - 1 B Heavy Molasses Pump - 1 B Heavy Molasses Pump - 2 C Light Molasses Pump - 1 C Light Molasses Pump - 2	ů		30 10 15 15 10 10 10	1440 1440 1440 1440 1450 1155 1450		Rotomac Dev Engg rotomac	SHM 68x3	200x200	100 mtr 30 mtr	60 M3 per H 30 M3 per H 60 M3 per H 60 M3 per H 30 M3 per H
High Flow A Heavy/ Molasses Pump - 1 A Heavy/ Molasses Pump - 2 A Light Molasses Pump - 1 A Light Molasses Pump - 2 B Heavy Molasses Pump - 1 B Heavy Molasses Pump - 2 C Light Molasses Pump - 1 C Light Molasses Pump - 2 Final Molasses Pump - 1	ů		30 10 15 15 10 10 10 10	1440 1440 1440 1440 1450 1155 1450 1450		Rotomac Dev Engg rotomac	SHM 68x3	200x200	100 mtr 30 mtr 30 mtr	60 M3 per H 30 M3 per H 60 M3 per H 60 M3 per H 30 M3 per H
High Flow A Heavy/ Molasses Pump - 1 A Heavy/ Molasses Pump - 2 A Light Molasses Pump - 1 A Light Molasses Pump - 2 B Heavy Molasses Pump - 1 B Heavy Molasses Pump - 2 C Light Molasses Pump - 1 C Light Molasses Pump - 2 Final Molasses Pump - 1 Final Molasses Pump - 2	ů		30 10 15 15 10 10 10 10 10 20	1440 1440 1440 1440 1450 1155 1450 1450		Rotomac Dev Engg rotomac	SHM 68x3	200x200	100 mtr 30 mtr 30 mtr 30 mtr	60 M3 per H 30 M3 per H 60 M3 per H 60 M3 per H 30 M3 per H
High Flow A Heavy/ Molasses Pump - 1 A Heavy/ Molasses Pump - 2 A Light Molasses Pump - 1 A Light Molasses Pump - 2 B Heavy Molasses Pump - 1 B Heavy Molasses Pump - 2 C Light Molasses Pump - 1 C Light Molasses Pump - 2 Final Molasses Pump - 1 Final Molasses Pump - 2 Super Heater Pump - 1	ů		30 10 15 15 10 10 10 10 10 20	1440 1440 1440 1440 1450 1155 1450 1450		Rotomac Dev Engg rotomac rotomac		200×200 200×200	100 mtr 30 mtr 30 mtr 30 mtr	60 M3 per H 30 M3 per H 60 M3 per H 60 M3 per H 30 M3 per H 7 Letter Per
High Flow A Heavy/ Molasses Pump - 1 A Heavy/ Molasses Pump - 2 A Light Molasses Pump - 1 A Light Molasses Pump - 2 B Heavy Molasses Pump - 1 B Heavy Molasses Pump - 2 C Light Molasses Pump - 1 C Light Molasses Pump - 2 Final Molasses Pump - 1 Final Molasses Pump - 2 Super Heater Pump - 1 Super Heater Pump - 2	high flow		30 10 15 15 10 10 10 10 10 20 20	1440 1440 1440 1440 1450 1155 1450 1450		Rotomac Dev Engg rotomac rotomac Pk Process Pk Process	PKO 50/20	200x200 200x200	100 mtr 30 mtr 30 mtr 30 mtr 30 M/t 100 mtr 20 M/t	60 M3 per Hi 30 M3 per Hi 60 M3 per Hi 60 M3 per Hi 30 M3 per Hi 7 Letter Per
High Flow A Heavy/ Molasses Pump - 1 A Heavy/ Molasses Pump - 2 A Light Molasses Pump - 2 A Light Molasses Pump - 2 B Heavy Molasses Pump - 1 B Heavy Molasses Pump - 2 C Light Molasses Pump - 1 C Light Molasses Pump - 2 Final Molasses Pump - 1 Final Molasses Pump - 1 Super Heater Pump - 1 Super Heater Pump - 2 AH-2 CL2 (6"x6")	high flow		30 10 15 15 10 10 10 10 10 20 20 20 20	1440 1440 1440 1440 1450 1155 1450 1450		Rotomac Dev Engg rotomac rotomac Pk Process Pk Process Gajanan	PKO 50/20	200x200 200x200	100 mtr 30 mtr 30 mtr 30 mtr 30 M/t 100 mtr 20 M/t 20 M/t	60 M3 per Hi 30 M3 per Hi 60 M3 per Hi 60 M3 per Hi 30 M3 per Hi 7 Letter Per
High Flow A Heavy/ Molasses Pump - 1 A Heavy/ Molasses Pump - 2 A Light Molasses Pump - 1 A Light Molasses Pump - 2 B Heavy Molasses Pump - 1 B Heavy Molasses Pump - 2 C Light Molasses Pump - 2 C Light Molasses Pump - 1 C Light Molasses Pump - 2 Final Molasses Pump - 2 Super Heater Pump - 1 Super Heater Pump - 2 AH-2 CL2 (6"x6") AL-2 Final-2	high flow		30 10 15 15 10 10 10 10 10 20 20 20 20	1440 1440 1440 1440 1450 1155 1450 1450		Rotomac Dev Engg rotomac rotomac Pk Process Pk Process	PKO 50/20	200x200 200x200	100 mtr 30 mtr 30 mtr 30 mtr 30 M/t 100 mtr 20 M/t 20 M/t	60 M3 per Hi 30 M3 per Hi 60 M3 per Hi 60 M3 per Hi 30 M3 per Hi 7 Letter Per
High Flow A Heavy/ Molasses Pump - 1 A Heavy/ Molasses Pump - 2 A Light Molasses Pump - 2 B Light Molasses Pump - 2 B Heavy Molasses Pump - 1 B Heavy Molasses Pump - 2 C Light Molasses Pump - 2 C Light Molasses Pump - 2 Final Molasses Pump - 2 Final Molasses Pump - 1 Super Heater Pump - 1 Super Heater Pump - 2 AH-2 CL2 (6"x6") AL-2 Final-2 BH-2	high flow		30 10 15 15 10 10 10 10 10 20 20 20 20	1440 1440 1440 1440 1450 1155 1450 1450		Rotomac Dev Engg rotomac rotomac Pk Process Pk Process Gajanan Risansi	PKO 50/20	200x200 200x200	30 mtr 30 mtr 30 mtr 30 mtr 30M/t 100 mtr 20 M/t 20 M/t 30 mtr	60 M3 per Hi 30 M3 per Hi 60 M3 per Hi 60 M3 per Hi 30 M3 per Hi 7 Letter Per 1 30 m3/hr.
High Flow A Heavy/ Molasses Pump - 1 A Heavy/ Molasses Pump - 2 A Light Molasses Pump - 2 B Light Molasses Pump - 2 B Heavy Molasses Pump - 1 B Heavy Molasses Pump - 2 C Light Molasses Pump - 2 C Light Molasses Pump - 1 C Light Molasses Pump - 2 Final Molasses Pump - 2 Final Molasses Pump - 1 Super Heater Pump - 1 Super Heater Pump - 2 AH-2 CL2 (6"x6") AL-2 Final-2 BH-2 CJH-2	high flow high flow high flow	3 Nos	30 10 15 15 10 10 10 10 10 20 20 20 20 15	1440 1440 1440 1440 1450 1155 1450 1450 1155 750 960 2900 2900		Rotomac Dev Engg rotomac rotomac Pk Process Pk Process Gajanan Risansi Gajanan	PKO 50/20 PKO 50/20	200x200 200x200 200x200 80x50	100 mtr 30 mtr 30 mtr 30 mtr 30 M/t 100 mtr 20 M/t 20 M/t	60 M3 per Hi 30 M3 per Hi 60 M3 per Hi 60 M3 per Hi 30 M3 per Hi 7 Letter Per Hi 30 m3/hr.
High Flow A Heavy/ Molasses Pump - 1 A Heavy/ Molasses Pump - 2 A Light Molasses Pump - 1 A Light Molasses Pump - 2 B Heavy Molasses Pump - 1 B Heavy Molasses Pump - 2 C Light Molasses Pump - 1 C Light Molasses Pump - 2 Final Molasses Pump - 1	high flow	3 Nos 4 Nos	30 10 15 15 10 10 10 10 10 20 20 20 20	1440 1440 1440 1440 1450 1155 1450 1450		Rotomac Dev Engg rotomac rotomac Pk Process Pk Process Gajanan Risansi	PKO 50/20	200x200 200x200	30 mtr 30 mtr 30 mtr 30 mtr 30M/t 100 mtr 20 M/t 20 M/t 30 mtr	

C continuous pan cry pump		1 Nos							30 mtr	50 m3/hr
B continuous pan cry pump		2 Nos							30 mtr	50 m3/hr
B Vertical ,transfer pump									30 mtr	50 m3/hr
B Magma Pump - 2										
Dry Seed Magma Pump - 1			25	1440						53 Cu-m per
Dry Seed Magma Pump - 2										
C After magma Mixer Drive			15	1440		Gear Box	U-700	RATIO-60/1		
C Magma Mixure Drive			10	1440		Gear Box	U-700	RATIO-60/1		
C Magma Pump	Make	Capacity	Head	Drive	Ratio	HP	AMP	Nos.	Туре	Suc & Di
1	Gita	30 Ton	30 Mtr.	Palanatary	37.3/1	30	22	1	7.	
2	Gita	26 Ton		Red. Gear Box	40/1			1	U-700	8"x8"
B Magma Pump	Make	Capacity	Head	Drive	Ratio	HP	AMP	Nos.	Туре	
-	Gita	20 T	25 Mtr.	Red. Gear Box	40/1			1	U-700	8"x8"
	Gita	40 T	30 Mtr.	Red. Gear Box	40/1			1	U-700	10"x10"
	Syntech	35 T	30 Mtr.	Red. Gear Box	40/1			1	U-700	10"x10"
A Pugmil Mootr Drive - 1	5,5511		10	1440	,	Gear Box	U-500	RATIO-25/1	1	10 2.10
A Pugmil Mootr Drive - 2			10	1						+
B Pugmil Motor Drive - 1			10							
B Pugmil Motor Drive - 2			10							
Dry Seed Magma Mixer			7.5	1440		Gear Box	U-700	RATIO-60/1		
Dry Seed Mixer				. 110		Joan Box	00			+
Hot Air Blower			10	2900		Hopper rpm		+		
Cooled Air Blower			10	2900		Поррогтрии	+		+	
Oddica Ali Biowei			10	2500						
Constant Harris No. 4	Cin and Tree	4000	45	1440		054				
Sugar old Hopper No 1 Sugar old Hopper No 2	Singal Tray Multy Tray	1800 1800	15 15	1440		254 272				
Sugar old Hopper No 3	Multy Tray	1500	15	1440		265			_	
Sugar old Hopper No 4	Multy Tray	1500	15	1440		265				
Sugar New Hopper No 1	Iviuity Tray		20	1440		254				
		2000								
Sugar New Hopper No 2		2000	20	1440		272				
Sugar New Hopper No 3		2000	20	1440		265				
Sugar Grader	1	1	1							
				Motor Details				Pump Detai		
			H.P.	R.P.M.	AMPS	Make	Туре	Size	Head	Discharge
No 1 20 M.T./hr.	6 Deck	IC Make	30	960						
No 2 20 M.T./hr.	6 Deck	IC Make	30 HP	960						
No 3 35 T/Hr.	6 Deck	IC Make	30	960						
Sugar Elevetor	Moter		ar Box							
	hp	rpm		Ratio	Hight				No. of Bucke	t
3-40 Ton	20	1440	4-800	40:11						
Old	20	1440	40/1	60/1	17.5M				100	
New	20	1440	50/1	50/1	18.5M				96	
	20	1440	40	40:11	2014					
Final Molasses Tank	•	•		•	•	•	•	•		
				Motor Details				Pump Detai	ls	
			H.P.	R.P.M.	AMPS	Make	Type	Size	Head	Discharge

ı	Capacity	3000 M3							Dia-20mtr		
									Hight- 10mtr		
	Molasses Extraction Pump	Make	Size	Nos.	Capacity	HP	RPM				
		Rotomac	6"x6"	2	30 T/hr.	15	1440				
	"B" Massecuite Transfer Pump	Make	Capacity	Head	Drive	HP	RPM	Ratio	Nos.	Туре	
		Gita	50 Ton	30 Mtr.	Planatary	50	1440	37/1	1		
		Syntech	40 Ton	30 Mtr.	Red. Gear Box	40/1		40/1	1	U-800	
	"C" Transfer Pump	Capacity	Head	Drive	HP	RPM	Ratio	Туре	Nos.		
		50 Ton	30 Mtr.	Planatary	50	1440	37/1		2		
	Note: One no. also used as liquidation for "E				•			•			
	Vacuum Pump	Make	Capacity	Size	Nos.						
		Vaccunair	2000 m3/hr.	100	3						
70	E.T.P.		T				T				
				<u> </u>	Motor Details				Pump Detail		T
				H.P.	R.P.M.	AMPS	Make	Туре	Size	Head	Discharge
	Pump No. 1			15	2900	15	Kirlosker	60 x 60	65 x 80	40 mtr	
	Pump No. 2			7.5	2900	7	Kirlosker	MBNS - 52	65 x 50	36 - 42 Mtr.	
	Pump No. 3			7.5	2900 2900	7	Crompton	MBNS - 52 SPOM	65 x 50 40 x 40	36 - 42 Mtr. 6.5 Mtr.	
	Pump No. 4			2	2900	3	-	ear Box Details	40 X 40	6.5 IVIT.	
				1	-		Make		D-4:-		
	Stirrer No 1			1			Redicon	Туре	Ratio .60:1		
	Stirrer No 2			<u> </u>			Redicon		.60:1		
	Surrer No 2						Redicon		.00.1		
71	Tubowalle	!	ļ			<u>l</u>	-		1	1	
71	Tubewells		<u> </u>	1	Motor Details		T		Pump Detail	s	-
71	Tubewells	!		H.P.	Motor Details R.P.M.	AMPS	Make	Type	Pump Detail		Discharge
71	Tubewells No 1 on E.T.P.			H.P. 8	Motor Details R.P.M. 2900	AMPS	Make	Type Submersib	Pump Detail Size 50 MM.	s Head 100 Mtr.	Discharge 70 Mtr./Miniut
71	No 1 on E.T.P.			8	R.P.M. 2900	10	Make	Submersib	Size 50 MM.	Head 100 Mtr.	70 Mtr./Miniut
71					R.P.M.		Make		Size	Head	
71	No 1 on E.T.P.			8	R.P.M. 2900	10	Make	Submersib	Size 50 MM.	Head 100 Mtr.	70 Mtr./Miniut
71	No 1 on E.T.P. No 2 on Montecarlo			10	R.P.M. 2900 2900	10	Make	Submersib Submersib	Size 50 MM. 50 MM.	Head 100 Mtr. 100 Mtr.	70 Mtr./Miniut 85 Mtr./Miniut
	No 1 on E.T.P. No 2 on Montecarlo No 3 Spray Pond			8 10 12.5	R.P.M. 2900 2900 2900	10 12 15	Make	Submersib Submersib	Size 50 MM. 50 MM. 50 MM.	Head 100 Mtr. 100 Mtr. 100 Mtr.	70 Mtr./Miniut 85 Mtr./Miniut 105 Mtr./Miniut
	No 1 on E.T.P. No 2 on Montecarlo No 3 Spray Pond No 4 Godown			8 10 12.5	R.P.M. 2900 2900 2900	10 12 15	Make	Submersib Submersib	Size 50 MM. 50 MM. 50 MM.	Head 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr.	70 Mtr./Miniut 85 Mtr./Miniut 105 Mtr./Miniut
	No 1 on E.T.P. No 2 on Montecarlo No 3 Spray Pond No 4 Godown			8 10 12.5	R.P.M. 2900 2900 2900 2900	10 12 15	Make Make	Submersib Submersib	Size 50 MM. 50 MM. 50 MM.	Head 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr.	70 Mtr./Miniut 85 Mtr./Miniut 105 Mtr./Miniut
	No 1 on E.T.P. No 2 on Montecarlo No 3 Spray Pond No 4 Godown			8 10 12.5 8	R.P.M. 2900 2900 2900 2900 Motor Details	10 12 15 10		Submersib Submersib Submersib Submersib	Size 50 MM. 50 MM. 50 MM. Fump Detail	Head 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr.	70 Mtr./Miniut 85 Mtr./Miniut 105 Mtr./Miniut 70 Mtr./Miniut
	No 1 on E.T.P. No 2 on Montecarlo No 3 Spray Pond No 4 Godown Water Service Pump			8 10 12.5 8 H.P.	R.P.M. 2900 2900 2900 2900 Motor Details R.P.M.	10 12 15 10 AMPS	Make	Submersib Submersib Submersib Submersib	Size 50 MM. 50 MM. 50 MM. Fump Detail	Head 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr.	70 Mtr./Miniut 85 Mtr./Miniut 105 Mtr./Miniut 70 Mtr./Miniut Discharge
	No 1 on E.T.P. No 2 on Montecarlo No 3 Spray Pond No 4 Godown Water Service Pump Pump No. 1			8 10 12.5 8 H.P. 20	R.P.M. 2900 2900 2900 2900 Motor Details R.P.M.	10 12 15 10 AMPS 30	Make Imported	Submersib Submersib Submersib Submersib Type VRF 3/350	Size 50 MM. 50 MM. 50 MM. Fump Detail	Head 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr.	70 Mtr./Miniut 85 Mtr./Miniut 105 Mtr./Miniut 70 Mtr./Miniut Discharge 85 M3/hr
72	No 1 on E.T.P. No 2 on Montecarlo No 3 Spray Pond No 4 Godown Water Service Pump Pump No. 1 Pump No. 2 Low Pressure Turbine No. 1			8 10 12.5 8 H.P. 20 20	R.P.M. 2900 2900 2900 Motor Details R.P.M. 1470 1470 Alternator	10 12 15 10 AMPS 30	Make Imported Imported Exciter	Submersib Submersib Submersib Submersib Type VRF 3/350 VRF 3/350	Size 50 MM. 50 MM. 50 MM. Fump Detail	Head 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr.	70 Mtr./Miniut 85 Mtr./Miniut 105 Mtr./Miniut 70 Mtr./Miniut Discharge 85 M3/hr
72	No 1 on E.T.P. No 2 on Montecarlo No 3 Spray Pond No 4 Godown Water Service Pump Pump No. 1 Pump No. 2 Low Pressure Turbine No. 1 Make	Triveni		8 10 12.5 8 H.P. 20 20 Make	R.P.M. 2900 2900 2900 Motor Details R.P.M. 1470 1470 Alternator ASGEN	10 12 15 10 AMPS 30	Make Imported Imported Exciter Make	Submersib Submersib Submersib Submersib Type VRF 3/350 VRF 3/350 ASGEN, Italy	Size 50 MM. 50 MM. 50 MM. Fump Detail	Head 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr.	70 Mtr./Miniut 85 Mtr./Miniut 105 Mtr./Miniut 70 Mtr./Miniut Discharge 85 M3/hr
72	No 1 on E.T.P. No 2 on Montecarlo No 3 Spray Pond No 4 Godown Water Service Pump Pump No. 1 Pump No. 2 Low Pressure Turbine No. 1 Make Year	1980		8 10 12.5 8 H.P. 20 20 Make Year	R.P.M. 2900 2900 2900 Motor Details R.P.M. 1470 1470 Alternator ASGEN 1975	10 12 15 10 AMPS 30	Make Imported Imported Exciter Make Power	Submersib Submersib Submersib Submersib Type VRF 3/350 VRF 3/350 VRF 3/350 ASGEN, Italy 14.5 KW (DC)	Size 50 MM. 50 MM. 50 MM. Fump Detail	Head 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr.	70 Mtr./Miniut 85 Mtr./Miniut 105 Mtr./Miniut 70 Mtr./Miniut Discharge 85 M3/hr
72	No 1 on E.T.P. No 2 on Montecarlo No 3 Spray Pond No 4 Godown Water Service Pump Pump No. 1 Pump No. 2 Low Pressure Turbine No. 1 Make Year Type	1980 550 mm		8 10 12.5 8 H.P. 20 20 Make Year Poiner	R.P.M. 2900 2900 2900 2900 Motor Details R.P.M. 1470 1470 Alternator ASGEN 1975 3000 KVA	10 12 15 10 AMPS 30	Make Imported Imported Exciter Make Power RPM	Submersib Submersib Submersib Submersib Type VRF 3/350 VRF 3/350 VRF 3/350 ASGEN, Italy 14.5 KW (DC) 1800	Size 50 MM. 50 MM. 50 MM. Fump Detail	Head 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr.	70 Mtr./Miniut 85 Mtr./Miniut 105 Mtr./Miniut 70 Mtr./Miniut Discharge 85 M3/hr
72	No 1 on E.T.P. No 2 on Montecarlo No 3 Spray Pond No 4 Godown Water Service Pump Pump No. 1 Pump No. 2 Low Pressure Turbine No. 1 Make Year Type Power	1980 550 mm 2.5 mw		8 10 12.5 8 H.P. 20 20 Make Year Poiner P.F.	R.P.M. 2900 2900 2900 2900 Motor Details R.P.M. 1470 1470 Alternator ASGEN 1975 3000 KVA 0.8	10 12 15 10 AMPS 30	Make Imported Imported Exciter Make Power RPM Voltage	Submersib Submersib Submersib Submersib Type VRF 3/350 VRF 3/350 VRF 3/350 ASGEN, Italy 14.5 KW (DC) 1800 102 V (DC)	Size 50 MM. 50 MM. 50 MM. Fump Detail Size	Head 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr.	70 Mtr./Miniut 85 Mtr./Miniut 105 Mtr./Miniut 70 Mtr./Miniut Discharge 85 M3/hr
72	No 1 on E.T.P. No 2 on Montecarlo No 3 Spray Pond No 4 Godown Water Service Pump Pump No. 1 Pump No. 2 Low Pressure Turbine No. 1 Make Year Type Power Steam Inlet Press	1980 550 mm 2.5 mw 21 kg/cm2		8 10 12.5 8 H.P. 20 20 Make Year Poiner P.F. Volts	R.P.M. 2900 2900 2900 2900 Motor Details R.P.M. 1470 1470 Alternator ASGEN 1975 3000 KVA 0.8 450 Volts	10 12 15 10 AMPS 30	Make Imported Imported Exciter Make Power RPM Voltage Current	Submersib Submersib Submersib Submersib Type VRF 3/350 VRF 3/350 VRF 3/350 ASGEN, Italy 14.5 KW (DC) 1800 102 V (DC) 142 AMPS (DC)	Size 50 MM. 50 MM. 50 MM. Fump Detail Size	Head 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr.	70 Mtr./Miniut 85 Mtr./Miniut 105 Mtr./Miniut 70 Mtr./Miniut Discharge 85 M3/hr
72	No 1 on E.T.P. No 2 on Montecarlo No 3 Spray Pond No 4 Godown Water Service Pump Pump No. 1 Pump No. 2 Low Pressure Turbine No. 1 Make Year Type Power Steam Inlet Press Steam Inlet Temp	1980 550 mm 2.5 mw 21 kg/cm2 300/350 c		8 10 12.5 8 H.P. 20 20 Make Year Poiner P.F. Volts Amps	R.P.M. 2900 2900 2900 2900 Motor Details R.P.M. 1470 1470 Alternator ASGEN 1975 3000 KVA 0.8 450 Volts 4492 AMPS	10 12 15 10 AMPS 30	Make Imported Imported Exciter Make Power RPM Voltage	Submersib Submersib Submersib Submersib Type VRF 3/350 VRF 3/350 VRF 3/350 ASGEN, Italy 14.5 KW (DC) 1800 102 V (DC)	Size 50 MM. 50 MM. 50 MM. Fump Detail Size	Head 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr.	70 Mtr./Miniut 85 Mtr./Miniut 105 Mtr./Miniut 70 Mtr./Miniut Discharge 85 M3/hr
72	No 1 on E.T.P. No 2 on Montecarlo No 3 Spray Pond No 4 Godown Water Service Pump Pump No. 1 Pump No. 2 Low Pressure Turbine No. 1 Make Year Type Power Steam Inlet Press	1980 550 mm 2.5 mw 21 kg/cm2		8 10 12.5 8 H.P. 20 20 Make Year Poiner P.F. Volts	R.P.M. 2900 2900 2900 2900 Motor Details R.P.M. 1470 1470 Alternator ASGEN 1975 3000 KVA 0.8 450 Volts	10 12 15 10 AMPS 30	Make Imported Imported Exciter Make Power RPM Voltage Current	Submersib Submersib Submersib Submersib Type VRF 3/350 VRF 3/350 VRF 3/350 ASGEN, Italy 14.5 KW (DC) 1800 102 V (DC) 142 AMPS (DC)	Size 50 MM. 50 MM. 50 MM. Fump Detail Size	Head 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr. 100 Mtr.	70 Mtr./Miniut 85 Mtr./Miniut 105 Mtr./Miniut 70 Mtr./Miniut Discharge 85 M3/hr

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7.4												
74	Low Pressure Turbine No. 2	ı			Alternator		Exciter					
	Mad .	M/ D. III			10051			ACCENT In-It				
	Make	M/s Belliss		Make	ASGEN 1975		Make	ASGEN, Italy				
	Year	1980		Year	3000 KVA		Power	14.5 KW (DC)				
	Type	BD-2		Poiner	0.8		RPM	1800				
	Power	2.5 mw					Voltage	102 V (DC)				
	Steam Inlet Press	32 kg/cm2		Volts	450 Volts 4492 AMPS		Current	142 AMPS (DC)	· · · · · · · · · · · · · · · · · · ·			
	Steam Inlet Temp	380 c		Amps			Self Excitati	40 Volts & 4.1 A	MP (DC)	1	_	
	Exhaust Pressure	1.5 kg/cm2 6000/1500 RPM		RPM	1800							
	Rotor / Gear	6000/1500 RF	'M	Frequensy	60 Cycle/sec							
							<u> </u>					
75	Low Pressure Turbine No. 3				Alternator		Exciter					
	Make	M/s Belliss		Make	jyoti		Make	Jyoti				
	Year	1982		Year			Power	26 KW (DC)				
	Туре	GN-36		Poiner	2500 KVA		RPM Voltage	1500				
	Power	2 mw		P.F.		0.8		70 V (DC)				
	Steam Inlet Press	21 kg/cm2		Volts	440 Volts		Current	372 AMPS (DC)				
	Steam Inlet Temp	300/350 C		Amps	3208 AMPS				1	T		
	Exhaust Pressure	2.5 bar		RPM	1500							
	Rotor / Gear	6500/1500 RP	M	Frequensy	50 Cycle/sec							
76	Power Turbine No. 4				Alternator		Exciter					
	Back Pressure				0.1							
	Make		Eme India Pvt Ltd	Make	Seimens		Make	Seimens				
	Year	1978	8		Year		Power	53 KW				
	Type	40.0104		P.F.			RPM	1500				
	Power	12.8 MW			0.8		Voltage	104 V				
	Steam Inlet Press	77-78 Kg/cm2		Volts	6.3 KV		Current	510 A				
	Steam Inlet Temp	490 c		Amps	1466 AMPS				1	1		
	Exhaust Pressure	2.5 kg/cm2		RPM	1500							
	Rotor / Gear	6500/1500 RP	'M	Frequensy	50 Cycle/sec							
	December 1997 No. 5				A14		F '					
77	Power Turbine No. 5				Alternator		Exciter					
	Condensing Turbine	NA/- IZ-I			E1		D		ļ		ļ.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Make	M/s Kaluga		Make	Electrosila		Rasia					
	Year	2003		Year	2003		Power	4500				
	Type	K-12-64		Poiner	0.0		RPM	1500				
	Power	12 MW		P.F.	0.8		Voltage	72 V				
	Steam Inlet Press	64 kg/cm2		Volts	11000 Volts		Current					
	Steam Inlet Temp	480 C		Amps	787 AMPS				1			
	D (0	0000 55::		RPM	3000		ļ		1			
L_		otor / Gear 3000 RPM		Frequensy	50 Cycle/sec							
78	Weigh bridge		N	1			ļ		1			
	Tare	2	Nos	1			ļ		1			
	Gross	2	Nos	1			ļ		1			
	For Bullock cart	1	Nos	1				<u> </u>				

	For Sugar	1	Nos				
	In Village Dhamna	1	Nos				
	In Village Malah Pipariya	1	Nos				
79	Cooling Tower (Power Plant)						
	FRP INDUCED DRAFT DIRECT DRIVEN	1					
	make	3000 CMH					
	LXWXH	18 x 9 x 6 mtr					
	Fan	6000mmx2 No	os				
	No. Of Blades	8 Nos					
80	Condensate Tank						
	100 Ton	7 Nos	H 8 mtr x 4.2 mtr				
	Raw Water Tank						
	80 Tone	1 Nos	H 8mtr x Dia 3.6mtr	ĺ			
81	RO Plant						
	MGF	40 H3/HR					
	UF	36 M3/HR					
	RO	25 M3/HR					
	MB	25 M3/HR					
82	Switch Yard						
	Power Transformer	30 MVA					
		6.3 or 11KV					
		/33 KV					
	Lighting arrester	33 KV,10 KA					
	Lighting arrester	33 KV, 10 KA					
	PT	33 KV,110V					
	ISOLATOR	33 KV					
	VCB Control Panel	33 KV,800					
	1001 1700	Amp					
	ISOLATOR	33 KV					
	CT	450/1A					
	TRANSFORMAR RELAY CONTROL PANEL						
	ISOLATOR	33 KV					
	MPSTCL METERING UNIT					 	
	Lighting arrester	33 KV,10 KA					