

List Of Machinery Structure Mill

SL NO	Machine Name	Type	Capacity	Range	Location	Name Of Manufacturer	Year Of Man
1	Stand No - 1, 2 & 3 (In same set up)	Fibre	20" Centre		Structure Mill	G P Roll Makers	2010
2	Reduction Gear - No - 1	2 Stage	20" Centre		Structure Mill (For 1st , 2nd , 3rd	G P Roll Makers	2011
3	Pinion Gear No 1	3 Stage	20" Centre	90 RPM	Structure Mill (For 1st , 2nd , 3rd	G P Roll Makers	2011
4	Electric Motor No-1	Sleepering	1540 HP	760 RPM	Structure Mill (For 1st , 2nd , 3rd stand)	Kirloskar Electric Co Ltd	2010
5	Liquid Starter No- 1	Manual Operated			Structure Mill (For 1st , 2nd , 3rd stand)	Satanarayan Electrical Works	2011
6	Fly Wheel		14. MT		Structure Mill (For 1st , 2nd , 3rd	G P Roll Makers	2010
7	Stand No - 4	Fibre	18" Center		Structure Mill	G P Roll Makers	2010
8	Reduction Gear - No - 1	2 Stage	18" center		Structure Mill	G P Roll Makers	2010
9	Pinion Gear No 1	2 Stage	18" Centre	120 RPM	Structure Mill	G P Roll Makers	2011
10	Fly Wheel No - 1		12 MT		Structure Mill	G P Roll Makers	2010
11	Electric Motor No-1	Sleepering	1040 HP	760 RPM	Structure Mill	Kirloskar Electric Co Ltd	2010
12	Liquid Starter No 1	Manual Operated			Structure Mill	Satanarayan Electrical Works	2011
13	Stand No - 5	Fibre	18" Center		Structure Mill	G P Roll Makers	2010
14	Reduction Gear - No - 1	2 Stage	18" center		Structure Mill	G P Roll Makers	2010
15	Pinion Gear No - 1	2 Stage	18" Centre	120 RPM	Structure Mill	G P Roll Makers	2011
16	Fly Wheel No -1		12 MT		Structure Mill	G P Roll Makers	2010
17	Electric Motor No-1	Sleepering	1040 HP	760 RPM	Structure Mill	Kirloskar Electric Co Ltd	2010
18	Liquid Starter No 1	Manual Operated			Structure Mill	Satanarayan Electrical Works	2011
19	Stand No - 6	Fibre	18" Center		Structure Mill	G P Roll Makers	2010
20	Reduction Gear - No - 1	2 Stage	18" center		Rolling Mill	G P Roll Makers	2010
21	Pinion Gear No - 1	2 Stage	18" Centre	120 RPM	Structure Mill	G P Roll Makers	2011
22	Fly Wheel No - 1		06 MT		Structure Mill	G P Roll Makers	2010
23	Electric Motor No-1	Sleepering	1040 HP	760 RPM	Structure Mill	Kirloskar Electric Co Ltd	2010
24	Liquid Starter No 1	Manual Operated			Rolling Mill	Satanarayan Electrical Works	2011
25	Stand No - 7	Fibre	18" Center		Structure Mill	G P Roll Makers	2010
26	Reduction Gear - No - 1	2 Stage	18" center		Structure Mill	G P Roll Makers	2010
27	Pinion Gear No - 1	2 Stage	18" Centre	120 RPM	Structure Mill	G P Roll Makers	2011

No	Machine Name	Type	Capacity	Range	Location	Name Of Manufacturer	Year Of Man
28	Fly Wheel No - 1		06 MT		Structure Mill	G P Roll Makers	2010
29	Electric Motor No-1	Sleepering	1040 HP	760 RPM	Structure Mill	Kirloskar Electric Co Ltd	2010
30	Liquid Starter No 1	Manual Operated			Rolling Mill	Satanarayan Electrical Works	2011
31	Hot Saw Machine No-1	Range Up to 200 mm to 500 mm	1500 MM		Structure Mill Shifter Chattal	Lucky Industries	
32	Electric Motor No-1	Sleepering	120 HP	1440 RPM	Structure Mill Shifter Chattal	Kirloskar Electric Co Ltd	2010
33	Hot Saw Machine No-1	Range Up to 200 mm to 500 mm	1500 MM		Structure Mill Shifter Chattal	Lucky Industries	
34	Electric Motor No-1	Sleepering	55 HP	1440 RPM	Structure Mill Shifter Chattal	Kirloskar Eleatric Co Ltd	2010
35	Over Head Crane No - 1	Push Button Operated	7 MT		Structure Mill Area	Local Make	2011
36	Over Head Crane No - 1	Push Button Operated	7 MT		Structure Mill Area	Local Make	2011
37	Leathe Machine 6 Nos.	Manual Operated	16' Long		Structure Mill Area	Simplex Machine	2009
38	Leathe Machine 1 Nos.	Manual Operated	20' Long		Structure Mill Area	Simplex Machine Tools	2009
39	Leathe Machine 2 Nos	Manual Operated	12' Long		Structure Mill Area	Simplex Machine Tools	2009
40	Leathe Machine 3 Nos	Manual Operated	10' Long		Structure Mill Area	Simplex Machine Tools	2009
41	Shaper Machine No -	Manual Operated	36" Long Run		Structure Mill Area	Simplex Machine Tools	2009
42	Shaper Machine No - 1	Manual Operated	30' Long Run		Structure Mill Area	Simplex Machine Tools	2009
43	Shaper Machine No - 1	Manual Operated	24' Long Run		Structure Mill Area	Simplex Machine Tools	2009
44	Plainer	Manual Operated	12' Long Run		Structure Mill Area	Simplex Machine Tools	2009
46	Weigh Wridge		100 MT		In front of Structure Mill	Electro Weigh System	
47	Water Pump 03 Nos.		Motor 60 HP	RPM 1440	Pump House	Kirloskar Electric Co	2011
			Motor 60 HP	RPM 1440	Pump House	Kirloskar Electric Co	2011
			Motor 45 HP	RPM 1440	Pump House	Kirloskar Electric Co	2011

Sl. No.	Machine Name	Type	Capacity	Range	Location	Name Of Manufacturer	Year Of Man.
48	Straightening Machine	For Angle, Channel, Beam	450 mm center	120 RPM	Finished Goods Area	G P Roll Makers	
49	Electric Motor No-1	Induction	100 HP	960 RPM	Structure Mill	Kirloskar Electric Co Ltd	2010
50	Blower	High Speed	100 HP	2800 RPM	Side by BRF	Fuel Save System & Device	
51	Ejector			35 RPM	Side by BRF		
52	Electric Motor No-1	Induction	30 HP	660 RPM	Structure Mill	Kirloskar Electric Co Ltd	2010
53	Pusher	Pusher Type	185 MT	35 RPM	For BRF	G P Roll Makers	
54	Electric Motor No-1	Induction	120 HP	960 RPM	Structure Mill	Kirloskar Electric Co Ltd	2010
55	Over Head Crane No - 1	Push Button Operated	15 MT		Raw Material Area	Kolkata Make	2011
56	Over Head Crane No - 1	Push Button Operated	5 MT		Raw Material Area	Local Make	2011
57	Universal Testing Machine	Analogue cum Computerized	60T/600 KN		Quality Testing Lab	Hi- Tech (India)	2011
58	Charpy cum izod impact Tester	Model KI-300			Quality Testing Lab	Hi- Tech (India)	2011
59	A/C Panel Room	Structure & Rolling					
60	Transformer 2 Nos.		2500 KVA each		Electrical Pannel Room	Truvolt Engineering Co Pvt Ltd.	
61	VCB	3- Panel Indoor VCB - 1 set	33 KV, 1250 A		Electrical Pannel Room	Siemence	2010
62	VCB		33 KV, 1250 A		Electrical Pannel Room	Siemence	2010
63	Conveyors between all stands						
64	Chatal for transferring finished products						

List Of Machinery (Rolling Mill)

SL NO	Machine Name	Type	Capacity	Location	Name Of Manufacturer
1	Stande No - 1,2 & 3 (In	Bearing	18" Centre	Rolling Mill	Tarsian Singh
2	Reduction Gear - No - 1	2 Stage	18" Centre	Rolling Mill (For 1st , 2nd , 3rd stand)	Tarsian Singh
3	Pinion Gear No 1	3 Stage	18" Centre	Rolling Mill (For 1st , 2nd , 3rd stand)	Tarsian Singh
4	Electric Motor No-1	Sleepering	1250 HP	Rolling Mill (For 1st , 2nd , 3rd stand)	Crompton make
5	Liquid Starter No- 1	Manual		Rolling Mill (For 1st , 2nd , 3rd stand)	Satyanarayan Electrical
6	Fly Wheel		6 MT	Rolling Mill (For 1st , 2nd , 3rd stand)	Tarsian Singh
7	Intermediate Stand 3 Nos.	Bearing		Rolling Mill	Tarsian Singh
8	Reduction Gear - No - 1	2 Stage		Rolling Mill	G P Roll Makers
9	Pinion Gear No 1	2 Stage		Rolling Mill	G P Roll Makers
10	Fly Wheel No - 1			Rolling Mill	G P Roll Makers
11	Electric Motor No-1	Sleepering	800 HP	Rolling Mill	Crompton make
12	Contineous Stand 2 Nos.	Bearing		Rolling Mill	G P Roll Makers
13	Reduction Gear - No - 1	2 Stage		Rolling Mill	G P Roll Makers
14	Pinion Gear No - 1	2 Stage		Rolling Mill	G P Roll Makers
15	DC Motor		450 KW	Rolling Mill	Integrated Motor
16	Contineous Stand 2 Nos.			Rolling Mill	Integrated Motor
17	Reduction Gear - No - 1			Rolling Mill	G P Roll Makers
18	Pinion Gear No - 1			Rolling Mill	G P Roll Makers
19	Electric Motor No-1	DC	350 KW	Rolling Mill	Integrated Motor
20	Continuous Stand 1	Bearing		Rolling Mill	G P Roll Makers
21	Reduction Gear - No - 1	2 Stage		Rolling Mill	G P Roll Makers
22	Pinion Gear No - 1	2 Stage		Rolling Mill	G P Roll Makers
23	Electric Motor No-1	DC	250 KW	Rolling Mill	Integrated Motor
24	Continuous Stand 1	Bearing		Rolling Mill	G P Roll Makers
25	Reduction Gear - No - 1			Rolling Mill	G P Roll Makers
26	Pinion Gear No - 1			Rolling Mill	G P Roll Makers
27	Electric Motor No-1	DC	250 KW	Rolling Mill	Integrated Motor
28	Pinch Roll 1	DC	45 KW	Rolling Mill	Crompton make
29	Pinch Roll 2	DC	45 KW	Rolling Mill	Crompton make
30	Flying Share	DC	175 KW	Rolling Mill	Integrated Motor

SL NO	Machine Name	Type	Capacity	Location	Name Of Manufacturer
31	Tail Braker 1	DC	72 KW	Rolling Mill	Integrated Motor
32	Tail Braker 2	DC	72 KW	Rolling Mill	Integrated Motor
33	Quenching Box			Rolling Mill	H & K make
34	Cooling Bed	1 Nos.	80 Mtr.	Rolling Mill	Self made
35	Runner Table 6 Nos.	75 Mtr. (6 nos.)	7.5 KW	Rolling Mill	Local Make
36	Cold Bar Cutting Shear	1 Nos.	15 KW	Rolling Mill	Local Make
37	Chain Transfer	1 Nos.	15 HP	Rolling Mill	Self made
38	Mill Pump House	3 Nos.	30 KW	Rolling Mill	Kirloskar
39	TMT Pump House	3 Nos.	75 KW	Rolling Mill	Crompton make
40	Hot Water Pump	3 Nos.	18.5 KW	Rolling Mill	Crompton make
41	Cooling Tower	2 Nos.	25 HP	Rolling Mill	Paharpur
42	DC Pannels	All		Rolling Mill	Parker
43	Control Pannels	All		Rolling Mill	Siemens
44	Over Head Crane No - 1	Push Button	7 MT	Rolling Mill Area	Local Make
45	Over Head Crane No - 2	Push Button	7 MT	Rolling Mill Area	Local Make
46	Roll Branding Machine	Max roll Dia:		Rolling Mill Area	Sparkonix (India) Pvt
47	Universal Testing Machine	Analogue cum	60T/600 KN	Quality Testing Lab	Hi- Tech (India)
48	Conveyors between all stands for Transferring Finished Products				Self made
49	Chatal for transferring finished products				Self made

LIST OF LABORATORY EQUIPMENTS

SL. No.	Name of Equipment	NO. OF EQUIP.	CALIBRATED BY	NABL APPRO.
1	UNIVERSAL TESTING MACHINE	JIL/QC/UTS-01	LABTEST SERVICES	YES
2	IMPACT TESTING MACHINE	JIL/QC/IMT-01	LABTEST SERVICES	YES
3	SPECTRO METRE		BRUKER MAKE	
4	MUFFLE FURNACE	JIL/QC/MF-01	YOUNG ENGG.	YES
5	HOT AIR OVEN	JIL/QC/HAO-01	YOUNG ENGG.	YES
6	DIGITAL BALANCE	JIL/QC/DB-01	LABTEST SERVICES	YES
7	DIGITAL BALANCE	JIL/QC/DB-02	YOUNG ENGG.	YES
8	DIGITAL BALANCE	JIL/QC/DB-03	LEGAL METROLOGY	YES
9	WEIGHT BOX	JIL/QC/WB-01	YOUNG ENGG.	YES
10	FEELER GAUGE	JIL/QC/FG-1	YOUNG ENGG.	YES
11	BAROMETER	JIL/QC/BR-01	YOUNG ENGG.	YES
12	VERNIER CALIPER	JIL/QC/VR-01	YOUNG ENGG.	YES
13	VERNIER CALIPER	JIL/QC/VR-02	YOUNG ENGG.	YES
14	VERNIER CALIPER	J*UotN R-03	YOUNG ENGG.	YES
15	RADIUS GAUGE	JIL/QC/RG-01	YOUNG ENGG.	YES
16	RADIUS GAUGE	JIL/QC/RG-02	YOUNG ENGG.	YES
17	STEEL SCALE	JIL/QC/SS-01	YOUNG ENGG.	YES
18	STEEL SCALE	JIL/QC/SS-02	YOUNG ENGG.	YES
19	DIGITAL MICROMETER	JIL/QC/EM-01	YOUNG ENGG.	YES
20	STEEL TAPE	JIL/QC/ST-01	YOUNG ENGG. YES	
21	STEEL TAPE	JIL/QC/ST-02	YOUNG ENGG.	YES
22	STEEL TAPE	JIL/QC/ST-03	YOUNG ENGG.	YES
23	THERMOCOUPLE	JIL/QC/TC-01	YOUNG ENGG.	YES
24	THERMOCOUPLE	JIL/QC/TC-02	YOUNG ENGG.	YES
25	THERMOCOUPLE	JIL/QC/TC-03	YOUNG ENGG.	YES
26	DIGITAL TEM. INDICATOR	JIL/QC/DTI-01	YOUNG ENGG.	YES
27	DIGITAL TEM. INDICATOR	JIL/QC/DTI-02	YOUNG ENGG.	YES
28	DIGITAL TEM. INDICATOR	JIL/QC/DTI-03	YOUNG ENGG.	YES
29	BEAKER	JIL/QC/BKR-01	YOUNG ENGG.	YES
30	BEAKER	JIL/QC/BKR-02	YOUNG ENGG.	YES
31	BEAKER	JIL/QC/BKR-03	YOUNG ENGG.	YES
32	BEAKER	JIL/QC/BKR-04	YOUNG ENGG.	YES
33	CONICAL FLASK	JIL/QC/CF-01	YOUNG ENGG.	YES
34	CONICAL FLASK	JIL/QC/CF-02	YOUNG ENGG.	YES
35	CONICAL FLASK	JIL/QC/CF-03	YOUNG ENGG.	YES
36	PIPETTE	JIL/QC/PT-01	YOUNG ENGG.	YES

Sl. No.	Name of Equipement	NO. OF EQUIP.	CALIBRATED BY	NABL APPRO.
37	PIPETTE	JIL/QC/PT-02	YOUNG ENGG.	YES
38	PIPETTE	JIL/QC/PT 03	YOUNG ENGG.	YES
39	PIPETTE	JIL/QC/PT—04	YOUNG ENGG.	YES
40	PIPETTE	JIL/QC/PT-05	YOUNG ENGG.	YES
41	BURETTE	JIL/QC/BR-01	YOUNG ENGG.	YES
42	VOLUMETRIC FLASK		YOUNG ENGG.	YES
43	VOLUMETRIC FLASK		YOUNG ENGG.	YES
44	VOLUMETRIC FLASK	JIL/QC/VF-03	YOUNG E IGG.	YES
45	VOLUMETRIC FLASK	JIVQcNE-04	YOUNG ENGG.	YES
46	VOLUMETRIC FLASK	JIL/QC/VF-OS	YOUNG ENGG.	YES
47	TUBE FURNACE	JIL/QC/TF-01	YOUNG ENGG.	YES
48	BEVEL PROTRACTOR	JIL/QC/BP-01	YOUNG ENGG.	YES
49	GLASS THERMOMETER	JIL/QC/GT-01	YOUNG ENGG.	YES
50	SINGLE PAN BALANCE	JIL/Qc/PB-01	YOUNG ENGG.	YES
51	HEIGHT GAUGE	JIL/QC/HG-01	YOUNG ENGG.	YES
52	DIGITAL VERNIER	JIWQC/DVC-01	JSG	YES
53	SURFACE PLATE	JIL/QC/5T—01	YOUNG ENGG.	YES
54	ULTRASONIC THICK. GAUGE	JIL/QC/UTG-01	YOUNG ENGG.	YES
55	INFRARED THERMOMETER	JIL/QC/IT—01	YOUNG ENGG.	YES
56	RADIUS GAUGE	JIU'QC/RG—03	YOUNG ENGG.	YES
57	PARALLEL BLOCK	JIL/QC/PB-01	YOUNG ENGG.	YES
58	PARALLEL BLOCK	JIL/QC/PB-02	YOUNG ENGG.	YES
59	PARALLEL BLOCK	JIL/QC/PB—03	YOUNG ENGG.	YES
60	PARALLEL BLOCK	JIL/QC/PB—04	YOUNG ENGG.	YES
61	PLATINUM CRUCIBLE	JIL/QC/PC-01	YOUNG ENGG.	YES
62	V-NOTCH CUTTER	JIL/QC/NC—OF		
63	PROFILE PROJECTOR	JIL/QC/PP-01		
64	FREEZER 0 TO -50°C	JIC-/QC/CF-01.		