

ITEM/TAB	INFORMATION TAB	INFORMATION/ SUB-TAB
Fabrication Units (For each unit)	MACHINERY DESCRIPTION SUMMARY	Our facility is equipped with a comprehensive range of modern machinery and equipment to support steel fabrication, cutting, drilling, welding, straightening, blasting, painting, material handling, and inspection activities. The machinery includes CNC drilling machines, radial punching machines, beam straightening machines, SAW welding machines, automatic and manual MIG welding machines, H-beam welding machines, magnetic core cutting machines, punching machines, copper slag blasting equipment, air spray painting and metalizing systems, mobile cranes, and overhead lifting cranes.

 Satec Envir Engineering (I) Pvt. Ltd.		MACHINE DETAILS							
SR. NO.	SPECIFICATION PARA NO.	NAME OF MACHINE	MAKE	MODEL	CAPACITY	QUANTITY	SERIAL NUMBER	YEAR OF MFG.	YEAR OF COMMISSIONING
1	5.1	PLASMA + OXY CUTTING M/C -01	PRO-ARC	MULTIPRO	TK - 0.5 TO 14 MM	1	11681	2007	2008
2	5.1	PLASMA + OXY CUTTING M/C-02	CRUXWELD	CUT 160	TK - 0.5 TO 35 MM	1	26011654	2025	2026
3	5.2	AUTO H-BEAM SAW WELDING M/C	WUXI HUALIAN PRECISION MACHINERY CO. LTD.	MZG-2X1000	FLANG W - 100 TO 1000 MM, FLANG TK - 6 - 50 MM, WEB H - 200 - 2000 MM, WELDING SPEED - 0.5 TO 5 M/MIN	1	2757	2012	2013
4	5.2	PORTABLE SAW WELDING MACHINE	ESAB	CPRA-1250I	FLANG W - 100 TO 800 MM, FLANG TK - 6 - 50 MM WEB H - 200 - 2000 MM, WELDING SPEED - 0.5 TO 5 M/MIN, Amp - 1250	3	19032800017	2021	2021
5	5.3	CNC DRILL MACHINE	AUTEN	PZ2016	2000X1600 MM, MAX DRILL DIA- 50 MM, MAX STROCK -100 MM	1	1732	2021	2021
6	5.4	BLASTING MACHINE-01	MECSHOT	P7-1001-R	P7-1001-R	1	*****	2017	2017
7	5.4	BLASTING MACHINE-02	MECSHOT	P7-1001-R	P7-1001-R	1	*****	2018	2018
8	5.4	BLASTING MACHINE-03	BISSA ENGINEERING	P7-10000	P7-10000	1	*****	2025	2025
9	5.5	EOT CRANE -01	STALMAC	ET7.5	7.5 Ton	1	*****	2024	2024
10	5.5	EOT CRANE -02	SAFEX	*****	2 TON	1	*****	2016	2016
11	5.5	EOT CRANE -03	STALMAC	ET10	10 Ton	1	*****	2024	2024
12	5.5	EOT CRANE -04	GANESH	*****	4 TON	1	*****	2022	2022
13	5.5	EOT CRANE -05	IN HOUSE	*****	4 TON	1	*****	2022	2022
14	5.5	EOT CRANE -06	STALMAC	ET10	10 TON	1	*****	2024	2024
15	5.5	MOBILE CRANE -01	ACE	*****	14 TON	1	*****	2009	2009
16	5.5	MOBILE CRANE -02	ACE	ACE1911404	12 TON	1	S433A08660	2009	2009
17	5.5	MOBILE CRANE -03	ACE	ACE178454	05 TON	1	S433094559	2007	2007
18	5.5	MOBILE CRANE -04	ACE	*****	14 TON	1	*****	2010	2010
19	5.5	MOBILE CRANE -05	ESCORT	F-23	23 TON	1	*****	2026	2026
20	5.5	TRANSFER TROLLEY -01	STALMAC	TT10	10 TON			2024	2024
21	5.5	TRANSFER TROLLEY -02	STALMAC	TT10	10 TON			2024	2024
22	5.6	AIR COMPRESSOR -01	ATLAS CAPCO 50HP	GA37+ AWFF	7 BAR	1	PNE300429	2013	2013
23	5.6	AIR COMPRESSOR-02	IR,37 CFM,7KG	70248893	7 BAR	1	GK0957	2009	2010
24	5.6	AIR COMPRESSOR-03	TOYO 19CFM,5KG	SDTY6	7 BAR	1	2049072	2009	2009
25	5.6	AIR COMPRESSOR-04	Subercoat	60HP-PMV	7 BAR	1	AA3D72574718	2025	2026
26	5.6	AIR COMPRESSOR-05	Subercoat	ACV-60	7 BAR	1	AA3DB002736414	2025	2026
27	5.7	RADIAL DRILL M/C	MAKSON	MAKSON/40/900	MAX. DRILL DIA 32 MM	2	*****	2016	2017
28	5.7	RADIAL DRILL M/C	BATLI BOI	BVR 3	MAX. DRILL DIA 50 MM	1	*****	2016	2017
29	5.8	END FACE MILLING MACHINE	FENGWEI MACHINERY	DX-3015	MODEL - D3015, 3000X1500 MM, 55~500 RPM	1	201059	2021	2021

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30	5.9	H BEAM STRAIGHTENING M/C	WUXI HUALIAN SCIENCE & TECHNOLOGY	JZ-40A	FLANG W- 200 TO 800 MM, FLANG TK - 6 TO 50 MM, WEB H - 200 TO 1500 MM	1	2179	2012	2013
31	5.10	AG7 GRINDER	BOSCH	GWS 20-180		40		2025	2025
32	5.10	AG5 GRINDER	BOSCH	GWS 14-125 CI		30		2023	2025
33	5.10	PENCIL GRINDER	BOSCH	GG5 5000L		15		2026	2026
34	5.10	PERMANENT MAGNET LIFTER	UTKAL ENGINEERS		1000 KG	10		2023	2023
35	5.10	PERMANENT MAGNET LIFTER	UTKAL ENGINEERS		600 KG	9		2023	2023
36	5.10	Makita electric torque wrench	MAKITA	TW-1000	1,000 NM (738 ft. Lbs.)	2		2024	2024
37	5.10	Rimmer Machine	TAI	TAJ2037	28 mm	3	81647		2024
38	5.10	PNEUMATIC RIVETER -01	TUSHAR ENTERPRISE	M-TE 4689	50/HRS	4		2023	2023
39	5.10	BROACH CUTTING M/C	BROACH CUTTER	CUB	10 MM TO 40 MM	5		2023	2023
40	5.10	BROACH CUTTING M/C	RALLIWOLF	COMMANDO 40	10 MM TO 40 MM	6		2024	2024
41	5.10	BROACH CUTTING M/C	BROACH CUTTER	SUPER	10 MM TO 50 MM	6		2025	2025
42	5.10	BROACH CUTTING M/C	BROACH CUTTER	CUB XL	10 MM TO 40 MM	8		2025	2025
43	5.10	BROACH CUTTING M/C	BROACH CUTTER	SUPER XL	10 MM TO 50 MM	14		2025	2025
44	5.10	POWER PRESS (150 TON)	SHALES M/C TOOL	PP-150	150 TON	1		2009	2010
45	5.10	POWER PRESS (100 TON)	PRESS & PRESS TOOL	PP-100	100 TON	2		2008	2010
46	5.10	POWER PRESS (50 TON)	SHALES M/C TOOL	PP-50	50 TON	6		2012	2012
47	5.10	POWER PRESS (20 TON)	SHALES M/C TOOL	PP-20	20 TON	1		2007	2010
48	5.10	PRESS BRECK M/C	STANDERD	PB-3M	8 MM, L - 3000 MM	1	888	2008	2009
49	5.10	PRESS BRECK M/C	GODREJ		TK - 0.4 TO 2 MM	1		2008	2008
50	5.10	SHEARING M/C	ERMAKSAN	HGS SERIES	8 MM, L - 3000 MM	1	02138-91	2015	2015
51	5.10	SHEARING M/C	JACKSON		6 MM, L - 3000 MM	1		2012	2012
52	5.10	PUG MACHINE	HMP		4 TO 80 MM	19		2023	2023
53	5.10	HAND CUTTING TORCH	MESSER		4 TO 80 MM	19		2026	2026
54	5.10	PROFILE CUTTING M/C -01	MINI OSTRICH-SEC		2 MM TO 100 MM	4		2016	2016
55	5.10	BAND SAW CUTTING M/C	LALITA M/C TOOL		DIA - 40 MM	4		2015	2015
56	5.10	LATHE M/C	AJAY		L - 600 MM, DIA - 60 MM	1		2014	2014
57	5.10	MILLING M/C	PNT		TK - 18 MM	1	2637	2010	2010
58	5.10	SURFACE GRINDER M/C	SODHI		L -500 MM			2014	2014
59	5.10	THERADING M/C	IMC		DIA - 50 MM, THREAD L - 250 MM	1		2014	2014
60	5.10	PORTABLE DOT PEN MARKING M/C	SUBHAM VENTURE		150X50X0.4 MM	1		2026	2026
61	5.10	MECHANICAL JACK	HK SALES		100 TON	7		2023	2023
62	5.10	HYDRAULIC JACK JACK	(HYD)		50 TON	1		2023	2023
63	5.10	HYDRAULIC JACK JACK	JHAVARI		100 TON	4		2023	2023
64	5.10	HYDRAULIC JACK JACK	Orione Hydropower	OPU3-40-HS	500 TON	4	222351	2023	2023
65	5.10	HYDRAULIC JACK JACK	Orione Hydropower		30 Ton, Stroke - 100 mm	2		2023	2023
66	5.10	Surface roughness tester	Mitutoyo		...	1		2026	2026
67	5.10	ELCOMETER						2025	2025
68	5.10	MEASURING TAPE	FREEMANS		100 METER	1		2026	2026
69	5.10	MEASURING TAPE	FREEMANS		15 METER	1		2026	2026

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70	5.10	MEASURING TAPE	FREEMANS		5 METER	1		2026	2026
71	5.10	DIGITAL VERNIER CALIPER			300 MM	2		2026	2026
72	5.11	DUMPY LEVEL	BOSCH	.....	4 TO 80 MM	1	.....	2024	2024
73	5.11	ADVANCE REFLECTOR -01	SOKKIA TOTAL STATION	IM 101	.....	1	ZT000551	2024	2024
74	5.11	AUTO LEVEL -01	SOKKIA	B 40 A	.....	1	. WS244465	2024	2024
75	5.11	ADVANCE REFLECTOR -02	SOKKIA TOTAL STATION	IM 101	.....	1	ZT000931	2024	2024
76	5.11	AUTO LEVEL -02	SOKKIA	B 40 A	.....	1	WS262861	2024	2024
77	5.12	METALISING MACHINE/GUN	AIROSHOT BLAST	METALIZING INHOUSE FACILITY AVAILABLE					
78	5.13	TESTING OF MECHANICAL PROPERTIES, CHEMICAL COMPOSITION MICROSTRUCTURE ETC.	THROUGH APPROVED SUPPLIER						
79	5.14(A)	IN HOUSE MICRO ETCHING AND DYE PENETRANT TESTING	INHOUSE FACILITY AVAILABLE						
80	5.14(B)	PAUT	THROUGH APPROVED SUPPLIER						
81	5.16(A)	ARC WELDING MACHINE	VULCAN/PANASONIC	2H40AA/YD-400AT3	400 AMP	38	ZZA176/YD-400AT3DJR	2023	2023
82	5.16(A)	ARC WELDING MACHINE	VULCAN	RH608AA	600 AMP	5	22171020	2023	2023
83	5.16(A)	MIG WELDING MACHINE	PANASONIC	YD400RX1/KR2 400	400 Amp	35	YD-400RX1DZK	2023	2023
84	5.16(A)	MIG WELDING MACHINE	PANASONIC/ARCTECH	YD-500KR2	500 Amp	10	YD500KR2DJE	2022	2022
85	5.16(A)	6 Axis welding robot -01	BORUNTE TECHNOLOGY (HK) CO LTD	BRTIRUS1510A	Arm length - 1500 mm, Welding m/c -500A	1	BRT2024011392	2024	2024
86	5.16(D)	AUTO H- BEEM TAGGING M/C -01	WUXI HUALIAN SCIENCE &TECHNOLOGY	HG-2000	FLANG W - 200 TO 800 MM, FLANG TK - 6 - 40 MM WEB H - 200 - 2000 MM, WELDING SPEED - 0.5 TO 6 M/MIN	1	1753	2012	2013
87	5.16(D)	4 torch welding m/c	In-house	.....	12 Mtr	1	.....	2026	2026
88	5.16(E)	STUD WELDING MACHINE-01	CRUXWELD	.....	187 KVA, O/P CURRENT - 2500 A (MAX)	1	.....	2024	2024
89	5.16(E)	STUD WELDING MACHINE-02	Artec Welders Pvt Ltd , Pune	Model - I -25	200 KVA, Max stud - 25x200 mm	1	5473	2024	2024
90	5.16(F)	TONG TESTER	MECO	.....	FOR MEASURING CURREJNT	1	.....	2026	2026
91	5.16(F)	MULTI METER	MECO	.....	FOR MEASURING VOLTAGE	1	.....	2026	2026
92		TRANSFORMER -01	Vidhut	.....	250 KVA, 11KV/440V	1	.....	2015	2015
93		DIESEL GENERATOR -380 KVA	KIRLOSKAR	KG380WS	380 KVA	1	964	2015	2015
94		DIESEL GENERATOR -5 KVA	KIRLOSKAR	.....	5 KVA	1	.....	2021	2021
95		DIESEL GENERATOR -3.5 KVA	KIRLOSKAR	CC1-358S6	3.5 KVA	1	2100122	2021	2021

ITEM/TAB	INFORMATION TAB	INFORMATION/ SUB-TAB
Fabrication Units (For each unit)	Power Supply: The facility is equipped with a dedicated electrical transformer for the main power supply and DG sets for backup power during grid interruptions, ensuring continuous operation of critical plant machinery and services.	The facility is equipped with a 298 kVA transformer for the main electrical power supply and a 380 kVA DG set for standby/emergency power backup, supporting continuous operation of plant machinery, equipment, lighting, and other essential services

TEST REPORT

TEST CERTIFICATE

We Certify that the installation detailed below has been installed by me/us and tested to the best of my knowledge & belief in compliance with the CEA Safety regulations-2023 as well as all the code of practices of wiring installations, erection & maintenance of transformers, switch gears HT LT controlling devices & Earthing arrangement as per IS 3034 of 1997.

- Name and address of Consumer
Sate Exm Eng(India) Pvt Ltd
LS No,1892,1893,185
Vill-Kanaiyab, Ta-Bhuj
- Voltage and system of supply
11 KV, 3 Phase HT Connection (298 KVA CD)
- No & Date of approval received of Installation plan passed by the elect. Inspector
EL/1Hn/Plan/196804/2026
Date : 02/05/2026
- Date of Commencement of Work.
03/05/2026
- Date of completion of Work
10/05/2026
- Megger Details
Make : Meco Model No: mc906
Range : 0- 1000 V/ 0-2000 MΩ SR no : 264811
- Particulars of Work - Total load
298 KVA NRG
System Wiring
a) Light Point
b) Plug Point
c) Fan Point
d) Elect Motors
- Transformer make & Capacity in KVA(Existing) Capacity : 250 KVA Make : Vidhyut SR no : 845
- DG Set Make & Capacity in KVA (proposed work)
Alternator Details : Make : KOEL Green
Output : 380 KVA SR no : IS3115F197663
Volt : 415 V.
Engine details :
Make : Kirloskar Oil Engine ,Output :345 KW
SR no : DUK8201/1520051
- Details of LT Controlling Device
1000 A Changeover panel with 800 A LT ACB

11. Earthing (for proposed DG set)

- Description of earthing Electrode Size Earthing Wire & No of Electrode
No of Electrode : 4
Earthing Electrode size: 50*6 GI Strip, 600*6 sq mm Cu plate
- Earth test result of each earth electrode
1) 1.31Ω 2) 1.72 Ω 3) 1.39Ω 4) 1.37Ω
- Max. Earth Resistance of the installation
1.72 Ω

12. Test results

- Insulation resistance of the whole installation.
≥ 2000 MΩ
- Between Conductor.
≥ 2000 MΩ
- Between Each Conductor & Earth
≥ 2000 MΩ

Certified that my/our firm has carried out the work of electrical installation under supervision of my / our competency certificate holder in accordance with the plan approved, rules applicable as stated above.

Contractor's Signature
Address : Sardar Patel nagar-2
Opp.Tri mandir
License valid till : 08/12/2030

Electrical Supervisor's
Signature & Permit No.

[illegible]

