

Introduction:

Raghupati Synergy Private Limited (RSPL) is a part of SM Group -a well diversified business group which is based in New Delhi, India. Being in the steel industries for decades ,we have diversified into steel fabrication business to cater industries dealing with cement ,chemical,infra,port,power ,coal and other process industries .

RSPL is located at Hosur,Tamil Nadu ,next to Ashok Leyland ,Phase II and very near to NH -7 is logistically viable for companies and projects happening in the Southern India. We are also being able to supply throughout India with our competitive pricing.

Being in close proximity of Chennai Port, we are in a position to export too. Our skilled manpower especially in the engineering department, production and quality control having ASNT-level II personal has placed us in a better position to serve our clients.

1.Our product range consists of the four categories:

2.General Steel Fabrications

3.Process Equipment

4.Pressure vessels and heat exchangers

Silo, transition pieces, Large ducts for power plants,ESP structures and other miscellaneous steel structures

We are capable to do both Mild Steel and Stainless steel fabrications. Our welders are qualified by companies like ION Exchanges and also third party inspection agencies like DNV.

We are all equipped with engineering software like autoCAD, PRO-E, SOLID WORKS which gives an edge to prepare our shop drawings if needed, assist to prepare cutting plan, prepare templates for our production department and also assist our commercial department to quote.

We are currently capable to design, supply and fabricate pressure vessels, process equipment, process piping, and air receiver and are planning to increase our capabilities.



COMPANY DETAILS

Name & Address	: RAGHUPATI SYNERGY PVT. LTD. 431/ 432 , Samanapalli Road , Alur Village,Sipcot II, Hosur – 635109, Tamilnadu.
Fax No	: 01143852320
Email	: accountsrspl@smgroup.net.in
Contact Person & Ph no.	Mr . Biswajit Das , : 09543310009 <u>bdass@smgroup.net.in</u> Mr . Kushagra Aggarwal, : 09344590009 kushagra@smgroup.net.in
Nature of Organization	: Manufacturing
Company Type	: Private Limited
Year of establishment	: 2009
Operations started	: 2011
Pan No	: AAECR4819B
Vat No	: 33683324441
Cst no	: 1046242
Excise No (ECC)	: AAECR4819BEM002
Service Tax No	: AAECR4819BSD001
SSI Registration No	: 00257
Import / Export Code	: 512019207
ISO 9001-2008	Certified by UKAS, Certificate enclosed
Bank and Address	: Indian Overseas Bank, Rajiv Circle, New Delhi
Total Land	: 7.5 Acres
Working Shed Area-BAY 1	: 3848 m ²
Working Shed Area-BAY 2	: 3848 m ²
Labour Quarter	: 2 Acres area dedicated for Labours
Admin & Office Area	: 352 m ² with the required Pcs & Internet Facility
Connected Load from EB	: 800 KVA
Alternate Power Facility	: 380 KVA Genset - 1 No : 62.5 KVA Genset- 1 No

Quality Control Lab. : List of Equipments enclosed
Ancillary & M/c Workshop : List of Machinery enclosed
Plant & Machinery : List of Machineries enclosed BAY1 & BAY2

Directors : Mr.Kushagra Aggarwal
: Mr.Nishant Mittal

Technical & Admin Team :
Mr.V.K.Arya
Excutive Director
B.E(Mechanical)

Being retired from BHEL, as General Manager(Corp.MM) and later from NBPPL(NTPC-BHEL POWER PROJECT PVT.LTD, A JV OF BHEL AND NTPC)in 2011 and joined this company as Ex. Director. His long time experience working with BHEL has given new directions for each member of this company. He is a Graduate Mech.Engineer, having 37 years' experience in various departments of BHEL and well conversant with practises of BHEL for Boilers(Trichy), ESPs(Ranipet), Turbines(Hardwar, Hyderabad) etc. His guidance towards corporate culture is shaping this company to deal with MNC's and EPC companies.

Mr Biswajit Das,
Technical director
B.E , Mechanical
(9543310009)

Being a passionate graduate mechanical engineer from Jadavpur University ,he has spent 28 years in manufacturing and steel fabrications both in India and abroad.During his 14 years experience ,he single headedly brought a small company to a large public listed company in Malaysia from the manpower of 50 to 600 in 2006.He started his career right in the workshop and gained hands on experience in both manufacturing and steel fabrication.He is aggressive but he has the capability to deliver. He is the unit headof the fabrication business.

Mr. Narayan Boxi
Assitant Quality Manager
D.M.E

He is an Assitant Quality Manager for RSPL. Having sound knowledge in welding inspections and quality control at various stages.

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Mr. C.Karthikeyan, Planning Engineer B.E, Mechanical	A young energetic B.E mechanical who is having hands on experience in Designing of Pressure vessels , Air receivers, silos and other heavy fabrication works like Industrial Silencer etc.He is a qualified ASNT Level -II in DP , MPT, UT & RT.
Mr.V.KrishnaKumar, Production Manager D.M.E	Having 24 years of experience in the field of steel fabrication, project and planning.He has the capability of executing projects under the tight schedule.
Mr Shanta Kumar Quality Incharge D.M.E	He is responsible for the inspection at any level and havegained 16 years working experience in LPG manufacturing

LIST OF MACHINERY - BAY 1

S No	Machine Name	Suppliers	Qty	Capacity
1	Decoiler, straightener and zig zag circle cutting	Redson	1	6mm x1600mm
2	Rotary Shearing Machine	Hydro-mechanic Engineers	1	6mm thickness
3	Deep Drawing Machine	Hydro-mechanic Engineers	1	250 Ton
4	Trimming Machine	Manmeet Indus	2	Max. dia.400mm
5	Bung Hole Punching Press	In house Fabrication	1	30 Ton
6	Degreasing cleaning Tank	In house Fabrication	1	
7	Bung Welding (MIG Welding)	Colton/Kempo	2	400amp
8	Foot Ring Welding	Colton/Kempo	4	400amp
9	Joggling M/c	Manmeet Indus.	2	400mm dia. max
10	Assembly fixture	In house Fabrication	1	
11	Buffing Fixture	In house Fabrication	1	
12	Circumferential Welding Machine (SAW)	Colton/Kempo	6	1200amp
13	V.P.Ring Welding by MIG	Colton/Kempo	4	400amp
14	Serial No. Punching	Mercury Peneumatic Pvt Ltd	3	Hy-pneumatic
15	Hydrostatic Testing Equipment	In house Fabrication	1	
16	Automatic Shot Blasting M/c	Patel furnace	1	16 HP
17	Metalizing Booth with dust collection	Metalling Equipments	1	
18	Spray Painting Booth with oven	In house Fabrication	2	
19	Vacuum cleaning for Internal Checking	Promivac Noida	1	
20	Valve Fitting	Amrit Enterprises	1	

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21	Pneumatic Tank	In house Fabrication	2	
22	Bung Fixture	Manmeet Indus	1	
23	Footring Welding Fixture	In house Fabrication	1	400amp
24	Auto Fixture	Manmeet Indus	2	400amp
26	30Ton Press for 6 mm Hole	Sekhon	1	
27	Symbol Hole Punching 30 MT Press	Sekhon	1	
28	Foot Ring Roiling Machine	Manmeet Indus	1	
29	Press for 'O' Formation	Sekhon	1	150 Ton
31	Ring Welding M/	Colton/Kempo		
32	30Ton Press for 6 mm Hole	Sekhon	1	
33	Pipe Rolling machine	In house Fabrication	1	
34	Pipe Ring Welding (Joint) ARC Welding	Colton/Kempo	2	400amp
35	Ring Straightener	Sekhon	1	30 ton
36	Pipe Ring To Stay Plate Welding CO2 Welding	Sekhon	1	400amp

LIST OF MACHINERY - BAY 2

S No	Machine Name	Suppliers	Qty	Capacity
1	Shearing Machine	Lamba	1	6mmx2000mm
2	3 Roll Plate Rolling Machine	Lamba	1	6mmx1300mm
3	Arc Welding Set	G2B Ltd.	18	400amp
4	MIG Welding sets	Colton	10	400amp
5	Disc Cutting Machine	Hitachi	1	16 inch dia.
6	Radial Drilling Machine		1	40mm dia. max
7	Bench Drilling Machine		1	19mm dia. max
14	Magnetic Drilling Machine	BMT Faridabad	1	40 mm dia. max
16	Shaping Machine	Pyramid machine	1	380mmx650mm
17	AG-7	Bosch	10	
18	AG-4	Bosch	10	
19	Plate rolling machine	Arrees	1	10mm x 2000mm
20	H-type press		1	100 Tons
21	Pug Cutting Set		1	

LIST OF QUALITY CONTROL EQUIPMENTS

S.NO	NAME OF INSTRUMENT	RANGE	ACCURACY	QTY.	MAKE
1	Digital vernier Caliper	0 - 150 mm	± 0.01 mm	02 Nos	MITUTOYO&AERO SPACE
2	Digital vernier Caliper	0 - 300 mm	± 0.01 mm	01No	AERO SPACE
3	Digital vernier Caliper	0 - 600 mm	± 0.01 mm	01No	RSK
4	Vernier Caliper (Ordinary)	0 - 300 mm	± 0.02 mm	01No	INSIZE
5	Digital Micro Meter	0 - 25 mm	0.001mm	01No	MITUTOYO
6	Digital Micro Meter	25 - 50 mm	0.001 mm	01No	MITUTOYO
7	Micro Meter	0 - 25 mm	0.01 mm	01No	MITUTOYO
8	Micro Meter Ball Point	0 - 25 mm	0.01 mm	01 No	MITUTOYO
9	Goose Neck Gauge	0 - 10 mm	0.1 mm	01 No	MITUTOYO
10	Vernier Hight Gauge	0 - 1000 mm	0.02 mm	02 Nos	AERO SPACE
11	Digital coat Meter	0 - 100 microns 100 - 1000 microns	0.1 micron 1 micron	01 No	MIXTECH
12	Ultra Sonic Thickness Tester	1.5 - 200 mm	± (0.5% n +0.1)	01 No	MIXTECH
13	Snap Gauges Set	0.5 - 100 mm	± (0.04+0.4 L) um	1 Set	AERO SPACE
14	Feeler Gauge	0.0015" - 0.025"	-	01 set (26Blades)	GLOBE INTERNATIONAL
15	Thread Gauge	0.0015" - 0.025"	-	01 set (26Blades)	GLOBE INTERNATIONAL
16	Dial Indicator	0 - 10 mm	0.01 mm	06 Nos	MITUTOYO
17	Magnatic Stand for Dial Indicator		-	06 Nos	MITUTOYO
18	Measuring Jar (Glass)	0 - 1000 ml	-	01 No	BOROSIL
19	Measuring Jar (Plastic)	0 - 1000ml	-	01 No	MUG 100
20	Measuring Cans	100ml,500ml,1 ltr,	-	Each one	
21	Taper Thread Plug Gauge	3/4 " - 14 NGT - L1	± 0.005	01 No	ZAWAR

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22	Taper Thread Plug Gauge	3/4" - 14 NGT - L9	± 0.005	01 No	ZAWAR
23	Taper Thread Ring Gauge	3/4" - 14 NGT - Gauge, M - INT	± 0.005	01 No	TRUTHREAD
24	Truthread Gauge	3/4" - 14 NGT- Gauge'C'	± 0.005	01 No	TRUTHREAD
25	Truthread Gauge	3/4" - 14 NGT- Gauge 'D'	± 0.005	01 No	TRUTHREAD
26	Truthread Gauge	3/4" - 14 NGT- Gauge 'F'	± 0.005	01 No	TRUTHREAD
27	Taper Plain Ring Gauge	3/4" - 14 NGT- CustTruncation Gauge	± 0.005	01 No	TRUTHREAD
28	Magnifine Glass	4"	-	02 Nos	OPTICAL
29	Magnifine Glass	6"	-	02 Nos	OPTICAL
30	Stop watch	-	-	03 Nos	LEAP HIGH
31	Measuring Tape	0 - 3 Mtr	-	05 Nos	SIROCO
32	Pressure Gauge	0 - 140 kg/cm2		04 Nos	GURU INDIA
33	Torque Wrench	70 - 340 NM	+5%	02 Nos	RASUKI
34	Dead Weight Pressure Gauge		-	01 No	RAVIKA
35	Gas Leak Detector		0	01 No	
36	Right Angle		90°	02 Nos	BSK
37	Tare Weighing Machine	30 Kg		02 Nos	ESSAE
38	Tare Weighing Machine	60 kg		02 Nos	ESSAE
39	Tare Weighing Machine	150 kg		01 No	ESSAE
40	Tare Weighing Machine	300 kg		01 No	EAGLE
41	Screw Plug Gauge	3/4"X14 NGT L1		01 No	SIZE CONTROL
42	Screw Plug Gauge	3/4"X14 NGT L9		02 No	ZAWAR
43	Truthread Gauges	3/4"X14 NGT L1 GAUGE 'A'		01 No	TRUTHREAD
44	H.S.S.Hand Taps Ground Threads	3/4"XNGT		05 Nos	APL
45	Screw Plug Gauge	3/4"X14 NGT C1		01No	TRUTHREAD
46	Screw Plug Gauge	3/4"X14 NGT C2		01No	TRUTHREAD
47	Universal Testing Machine	10 Ton capacity		01 No	FUEL INTRU. ENGG.

LIST OF ANCILLARY EQUIPMENTS & MACHINE WORKSHOP

S No	Machine Name	Suppliers	Qty	Capacity
1	Gantry type crane	Redson	1	25 Ton
2	Hand Fork Lift	Xtra-Power	2	3 Ton
3	Air compressor	ELGI	1	55KW 12.5 Kg/cm2
4	Air compressor	ELGI	1	0.795KW 16Kg/cm2
5	Hydra	ACE	1	12 Tons
Machine Workshop				
1	Horizontal Lathe	Turning dia-600mm	1	Turnomax, Rajkot
2	Horizontal Lathe	Turning dia-880mm	1	
3	Horizontal Lathe	Turning dia-740mm	1	Turnomax, Rajkot
4	Horizontal Lathe	Turning dia-430mm	1	Reliance machine tools
5	Horizontal Lathe	Turning dia-420mm	1	Reliance machine tools
6	Shaper	380(w)x 650(l)	1	Pyramid machine tools
7	Surface Grinder	200(w)x460(l)	1	BMT Faridabad
8	Hack Saw Machine	Dia max 200 mm	1	Reliance machine tools