



Company Profile



Contact & Profile Back ground

Shankar Rangasamy. BTech

General Manager (Operation)

Sep-2007 to Nov-2024 Project Manager (QA-QC) - FLSMIDTH Chennai

Jun-2004 to Jun-2007 Engineer-Production & QC - Perfect LLC, Dubai

shre-in@thaiengg.com

Mobile : 9500078538

Works & Office

No.220 1A1, ECR Road, Arambakkam,
Kalpakkam – 603102

Email: project-in@thaiengg.com

Mobile: 9944994518



MSME Reg. No. UDYAM-TN-34-0035538

www.thaiengg.com

GSTIN- 33GPSPS6949H1ZX

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Company

Dear Sir,

We take this opportunity to introduce ourselves as one of the leading Mechanical and Structural fabrication and erection engineers in Arambakkam, Kalpakkam, Tamil Nadu.

The merit of our company is to offer a comprehensive service of Design, Fabrication Supply and Erection in the field of Mechanical Engineering Services. We can ensure timely project completion, end-to-end quality management and budget control.

Our every employee believes value engineering is an important part of our work, and we provide solutions, not just products. Our teams of qualified, experienced engineers and technicians can create and build to client specifications, whatever the challenge. Our clients are ensured the highest levels of product quality and workmanship including on-time completion.

Our values

- Quality and safety first
- Monitoring continuous improvement through learning and development
- Innovation and creativity in solving problems
- An empowered, committed and motivated workforce



We offer expertise and services in the following areas of work...

- Fabrication of Structural, Piping & Equipment.
- Fabrication and erection for Power/cement/mines
- Heavy structural girders for Bridges and Towers.
- Sheeting work
- Piping work
- Machining work.

Hope, that we will get an opportunity to work with your esteemed organization and prove our excellence to build a long-term relation for the future.

Who We Are

We are still in the site fabrication and erection field in the name of SKS Fabricators since from 1986.

As a sister concern we are establishing a separate fabrication production unit in the name of THAI ENGINEERING.

THAI's core competency lies in Heavy steel fabrication, Structural, Piping, Agriculture, Pharma, Food processing equipment, Material Handling equipment and Industrial Process equipment.

THAI ENGINEERING starts with the slogan "We manufacture the Future"

"Our company holds premium goodwill in Fabrication Industries with sound knowledge Since long aspect with to maintain our motto for quality & quantity at the competitive level."

THAI Engineering also deals with Power sector & Automotive sectors as a manufacturer.

THAI manufacturing the steel furniture like steel doors, windows, table chairs etc.,.

Our Resources

MANPOWER, MACHINERY & INFRASTRUCTURE To meet the needs of its customers, THAI Engineering stands on the know-how of an experienced team: We have,

- Professional, experienced engineers
- Reliable estimators capable of assessing various projects
- Qualified production technicians
- Specialized manpower

This team can assist you in any type of fabrication and erection of steel products and structures. THAI has the equipment support to meet the various standards or more complex needs of its customers in the field.

THAI facilities are equipped with high capacity tools and machines listed below,



List Of Tools And Tackles Owned		
SL. NO.	Type/Description	Qty
1	Welding Machine (SMAW)	10 Nos.
2	Drill Machine	10 Nos.
3	Grinding Machine	20 Nos.
4	Hole Cut Machine	3 Nos.
5	Welding Set	50 Set
6	Cutting Set	5 Set
7	Loose tools and tackles	10 Lot
8	Spanners	20Set
9	Alignment tools and tackles	2Set
10	Lifting tools and tackles (Winch, Chain Block, D-shackles, Rope, Pulleys etc.)	2 Lot
11	Pipe Bending and Cutting machine	2 Nos.
12	Electrical extensions with stand	20 Set
13	Porta Cabin	1 nos.
14	Bike	2 Nos.
15	Computer	2 Set
16	Printer	2 Set
17	Laptop	4 Set
18	Safety Appliances	2 Lot
19	Hydra	1 No
20	Pick up vehicle	2 Nos.
21	Load Vehicle	1No.
22	Band saw m/c	1No.
23	Lathe	2Nos.
24	Thread cutting m/c	1No.
25	Radial drilling m/c(medium)	2No.
26	Radial drilling m/c(small)	2No.
27	Sewing m/c for packing	1No.
28	Surface cleaning booth	1 set
29	Manual Blasting set up	1Set
30	Hydraulic Movable lift(5MT)	2Nos.
31	Manual Steel bender	1No.
32	Plate Rolling m/c 2500 width	1No.
33	AC DC welding machine	1Set
34	GTAW & GMAW Set up	3set
35	Brazing set up	1Set



Using this equipment, experienced personnel can thus meet all special orders.

List of Current Personnel	
General Manager (Operation)	1 Person
Quality	1 Person
Production	1 Person
Supervisors	3 Persons
Senior Fabricators	3 Persons
Machinist	1 Person
Highly skilled, Skilled &	20 Persons
Unskilled Labourers	

Capabilities

Manufacturing process



Processing

Production Cutting

- Cold Sawing, Miter Sawing, Laser, Oxy-Fuel, Plasma Cutting/Beveling, and Shearing
- Metalwork
- Bending, Forming, and Rolling

Machining

- CNC Machining, Boring, Drilling, and Tapping
- Thread Rolling, Thread cutting
- Pipe Threading – BSPT NPT

Welding

- Shielded Metal Arc (SMAW), Gas Metal Arc (GMAW/MIG), Flux Cored Arc (FCAW), and Gas Tungsten Arc (GTAW/TIG)
- Special Welding

Assembly & Managed Services

Complete Assembly, Heat Treating, Sandblasting, Grinding, Painting, Powder Coating, Plating, and Galvanizing

Band Saw Cutting

- Degree of cut : Any skew cut at any angle
- Width : 50mm to 1500mm
- Flange Height: 50mm to 500mm
- Length : 12000mm
- Thickness Up to 50mm



Drilling

- Thickness : 8mm to 60mm
- Hole Size : Up to 60mm

Portable Gas Cutting Machine

- For precision straight and round cutting of steel plates

Welding Process : FCAW

- Electrode Specification : AWS A5.20
- Electrode Classification : E71T-1

Welding Process : SMAW

- Electrode Specification : AWS A5.1
- Electrode Classification : E7018

Welding Process : GTAW

- Electrode Specification : AWS A5.1
- Electrode Classification : 308,316,309

Machining Process : Turning, milling, Grinding etc

- Suitable machining

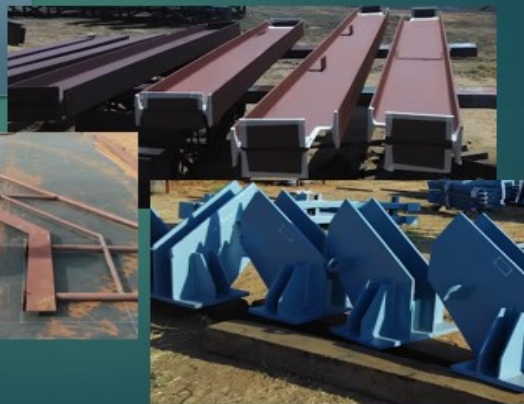
Machining Process : Thread cutting machine

- Pipe Threading
- Bar threading

Work Galleries snips

Structural Works

Pipe Racks, Bridges, Roof Structures,
Shelters, Buildings, Aircraft Hangers
Heavy Steel Structures Decks &
Platforms





Conveyor

Idlers, Pulleys, Stringers, Short Support
Idler mounting frame, Gantries,
Trestle and accessories



Shell works

Silos, Shell, Stacks, Tanks, Hopper,
Ducts Chutes & Skirts



Total MEP contract - Chill water line Supply, Return & Drain complete works on SIFY - InfoTech city.



Retrofit works in Plant- Cooling Tower
Client:- Chettinadu



Sectors & Services



Oil & Gas



Minerals



Automotive

Areas We Serve

- Oil & Gas
- Petrochemical
- Minerals
- Cements
- Power
- Automotive
- HVAC
- Agriculture
- Food & Pharma



Petro Chemical



Cement



Power



MEP HVAC



Food & Pharma

Sectors & equipment

Manufacturing Expertise

Components for Oil & Gas

- Blowers
- Casings
- Elevators
- Filters
- Manifolds
- Mud Agitators
- Separators
- Storage Tanks
- Shells & Tube Exchangers
- Coolers
- Towers
- Pipeline Stainers & Filters
- Rotary Table

Mining Equipment & Parts

- Conveyors
 - Pipe conveyors
 - Pan Conveyors
 - Belt Conveyors
- Elevators
- Bridge Carriers
- Excavators
- Classifier
- Crushers
- Feeder
- Hoppers
- Loaders
- Mill Parts
- Reclaimer
- Stacker
- Scraper

Cement Equipment & Parts

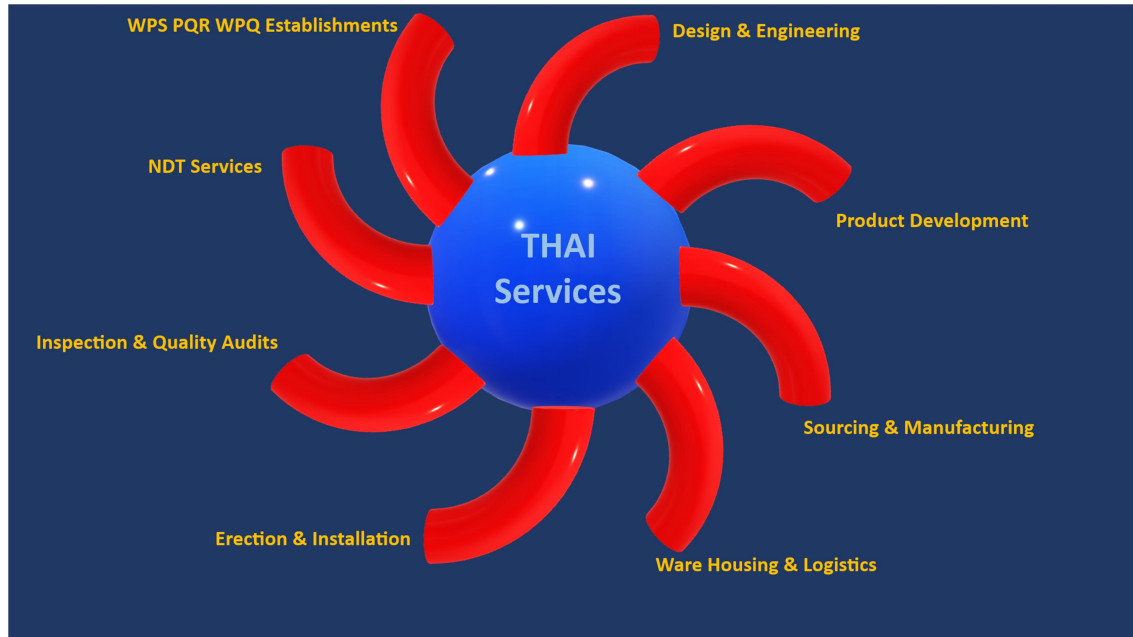
- Crushers
- Material Handling equipment
 - Belt, screw, bucket conveyors and elevators
 - Stacker/Reclaimer
- Rotary Kiln, Shaft Kiln
- Pre Heaters
- Burners
- Coolers
- Ball Mill, Roll mill, Coal Mill
- Classifier
- Cyclones
- Feeders
- Silos, Stacks
- Transfer towers
- Separators
- Vibrating screens
- Airslides

Power Sector

- Panel Board assembly
- Primary & Secondary piping
- Condensers
- Separators
- Heaters
- Expanders
- Steam Coolers
- Water Coolers
- Evaporators
- Heat Exchangers
- Steam convertors




Our Services



Our added supplies

Special Studs & Bolts

Flanges

Nipples

Plastic Fools & Legs

Pipe Miters

Pipe spools

Catalogue Items Manufacture

Pipe spools

Pipe Miters

Pipe spools

Pipe Miters

Pipe spools

Pipe Miters

Pipe spools

Pipe Miters



Quality Control

THAI is committed in delivering exceptional projects by maintaining an international quality management system hereby meeting and exceeding customers expectation.

We incorporated with the below Quality requirements.

- Inspection Test Plan
- Welder Qualification Systems
- Developed Work procedures
- Dimensional Inspection
- Welding Inspection
- NDT Inspection
- Painting Inspection

Certification – Establishment of WPS,PQR & WPQ

Multiple or Single Pass (per side)		Multiple				
Multiple or Single Electrodes		Single				
Travel Speed (Range)		62 mm to 132.2 mm / Minute				
Pending		NA				
Other		NA				
Weld Layer(s)	Process	Filler Metal	Current(±15%)	Volt	Travel Speed	Other
		Class	Dia	Type	Range (±15%)	
Root & Further	SMAW	E6013	03.15 4.0mm	DCEP	76-185	18-32
After Back Gouging						
Final & Hot Pass	SMAW	E6013	4.0mm	DCEP	88-143	18-30
DATE: 29/02/24						
S. RAMESH ASNT LEVEL III PT.MT,RT,UT,VT Cert No. 109357						

Welder's Name	S. AKASH	Clock No.	Stamp No. THAI / W001
Test Conducted by	M/s.Thai Engineering		
Laboratory Test No.	CAL/TRI1253/2023-24 DT.29.02.2024		CHENNAI ANALYTICAL LABORATORIES
We certify that the statements in this record are correct and that the test welds were prepared and tested in accordance with the requirements of Section IX of the ASME Code.			
Date	29/02/24	Manufacturer	R. SHANKAR ASNT LEVEL II RT, UT, MT, PT, VT CERT NO. VT000.014
Page 2 of 2			

PROJECT :- SIFY INFOTECH PARK					
CLIENT :- M/s.LISTEN LIGHTS					
RUNNING WELDERS LISTS					
SL NO	WELDERS NAME	W#ID	POSITION	POSITION RANGE	THK RANGE
1	K.Babu	W#001	2G,3G,4G,5G & 6G	ALL	MAX
2	K.Kannan	W#006	6G	ALL	MAX
3	T.Sugundar	W#007	6G	ALL	MAX
4	A.Lakshmanan	W#008	3G	1G,3G,1F,2F,3F	MAX
5	V.Haridoss	W#009	3G	1G,3G,1F,2F,3F	MAX
6	E.Rajkumar	W#010	6G	ALL	MAX
7	S.Karthick	W#011	3G	1G,3G,1F,2F,3F	MAX


Our Certifications




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भारत सरकार
Government of India
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises



UDYAM REGISTRATION CERTIFICATE

UDYAM REGISTRATION NUMBER

UDYAM-TN-34-0035539

NAME OF ENTERPRISE

THAI ENGINEERING

TYPE OF ENTERPRISE *

SNo.	Classification Year	Enterprise Type	Classification Date
1	2023-24	Micro	20/06/2023

MAJOR ACTIVITY

MANUFACTURING



Government of India
Form GST REG-06
[See Rule 10(1)]

Registration Certificate

Registration Number : 33GPSP6949H1ZX

1. Legal Name	SHANKAR SELVI
2. Trade Name, if any	THAI ENGINEERING
3. Additional trade names, if any	
4. Constitution of Business	Proprietorship
5. Address of Principal Place of Business	220/1A1, ECR ROAD, Arambakkam, Chengalpattu, Tamil Nadu, 603102



भारत सरकार
Government of India / भारत सरकार
Ministry of Commerce and Industry / वाणिज्य और उद्योग मंत्रालय
Directorate General of Foreign Trade / विदेश व्यापार महानिदेशालय
Office of the Additional Director General of Foreign Trade, Chennai / अपर महानिदेशक, विदेश व्यापार का कार्यालय, चेन्नई
4th Floor, Shastri Bhawan Annexe, 26, Haddows Road, CHENNAI, TAMIL NADU, 600006 / चौथी मंजिल, शास्त्री भवन एक्सेसरी, 26, हैडोव रोड, चेन्नई, तमिलनाडु, 600006

Importer-Exporter Code

This is to certify that **THAI ENGINEERING** is issued an Importer-Exporter Code (IEC) **GPSP6949H** with details as follows -

Quality Management System



Our Facility

Key Fabrication Workshops

Shopfloor 1 - Piping -----30. sqm

Shopfloor 2 - General Welding Workshop----- 20 sqm

Shopfloor 3 - Open Fabrication Area (Uncovered) -----300 sqm

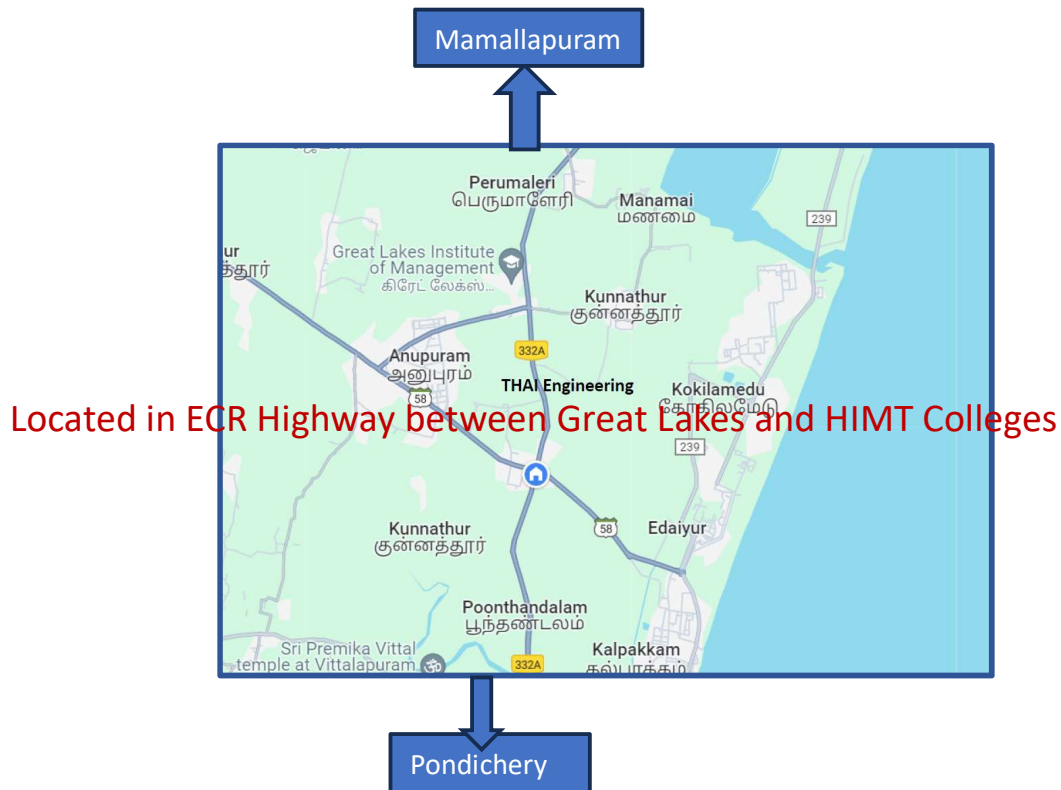
Notable Clients



Notable Clients

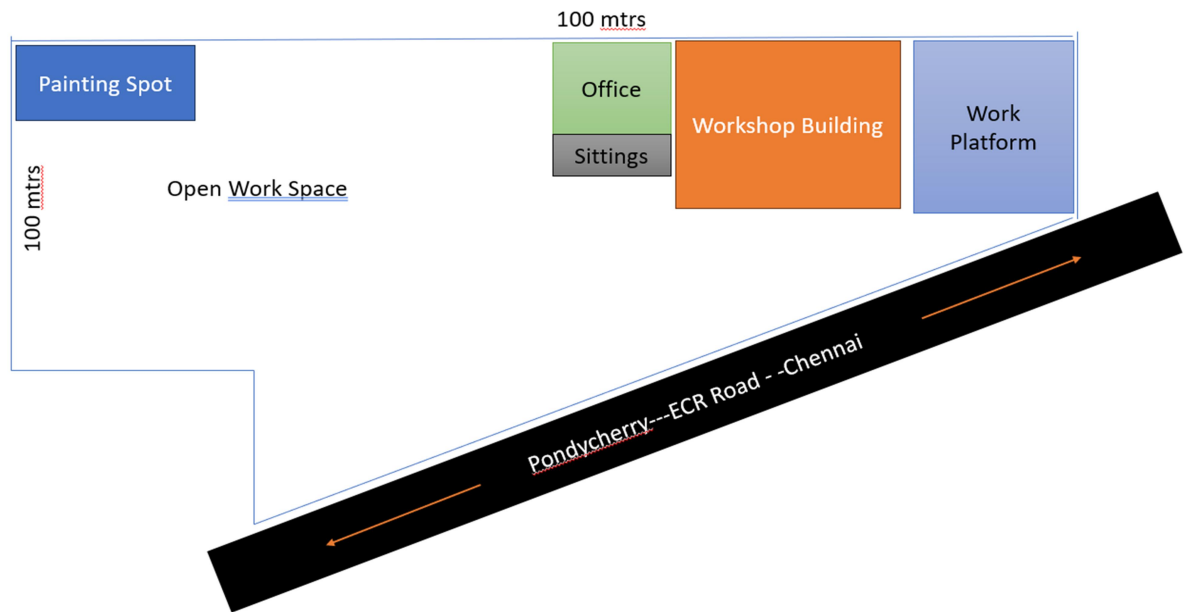


THAI's location Map



THAI ENGINEERING PLOT PLAN





Office & Administration:

We have requisite infrastructure for handling different assignments efficiently, providing personalized services, with skilled staff / trained tradesmen.

We do firmly believe in business ethics and principles, upholding the reputation of our organization and also that of our clients.

Our services/workmanship are at your disposal and for any further clarifications kindly do not hesitate to call us as we are ever ready to clarify your queries. Given an opportunity we will prove ourselves beyond your expectations.

We look forward to hearing a positive response from you giving us an opportunity to render our services to your esteemed Organization on long term business relationship.





Our Vision & Mission

- Quality workmanship with Supreme Product Quality
- Integrity
- Customer satisfaction
- Ethical and Honest in business
- Unmatched Customer Service
- Timely Delivery

Proprietrix

Mrs. S. Selvi B.Sc..

