



ASPIRE ENGINEERING SERVICES PRIVATE LIMITED

You Aspire. We Inspire.

COMPANY PROFILE

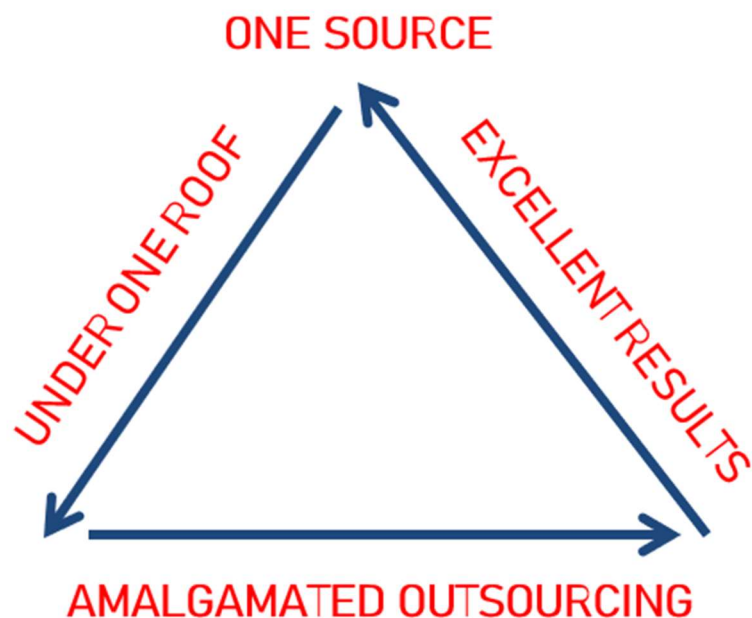




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ABOUT US

Aspire Engineering Services Private Limited (AESPL) is a leading Independent Service Provider to Owners and Operators of Technological Equipment across Power Generation, Oil & Gas and Industrial Markets.

System engineering and *Project Management*, the two essential services that AESPL offers to their customers under one roof with an *amalgamated outsourcing concept*, set the organization different from other heterogeneous businesses.

AESPL targets to provide innovative integrated solutions that enhance the value delivered to the customers. AESPL has a collective affluence of experience in

- Technology
- Process engineering
- Product development & detailing
- Project coordination covering Procurement, Fabrication, Inspection & Logistics
- Erection & Commissioning of the entire plant and air pollution control units

The advanced engineering solutions and services offered would target substantial business benefits to our clients to shorten project execution time, minimizing project risks, and improving the key differential plant operation parameters such as Availability, Reliability and Efficiency.



THE COMPANY

01

MARKETS WE SERVE

Power Plants (Utilities, Captive & Cogeneration Plants) &
Process Industries (Paper, Cement, Steel, Textile, Sugar etc.,)
Oil & Gas Sector
Petrochemical Industries
Gas Processing Industries
Water & Waste Water Treatment Plants

02

CLIENTS WE SERVE

Project Management Companies (PMCs)
Original Equipment Manufacturers (OEMs)
Engineering Companies
Engineering, Procurement & Construction (EPC) Contractors
Owners of the plants

03

Engineering Services

Power Plants & Boilers
Petrochemical, Oil & Gas & Refineries
Structural & Civil Detailing
Electrical, Instrumentation Detailing

Environmental Services

FGD Detailed Engineering
SCR Detailed Engineering
SOx and NOx control

Outage & Upgradation Services

Retrofit & Revamping of old boilers
Trouble-shooting & Root Cause Analysis
Spares supply
Baseline & PG testing





HISTORY & TIMELINE

2021

Head office Established in 2021,
Trichy, Tamlinadu, India
(Jul 2021)

2022

First contract 325 MWe CFB project.
AGATE GLOBAL SOLUTIONS(AGS)
(Sep 2022)

Pre-NTP Engineering support, Philippines Open
cycle GT Jurong & (JELO)
(Dec 2022)

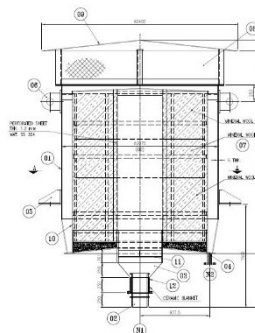
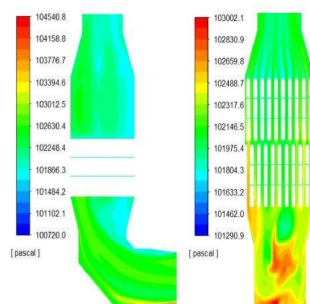
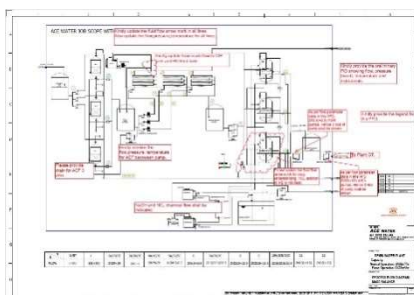
2023

JML 2X342 MW Open cycle Gas Turbine Complete
Engineering Review
(March 2023)

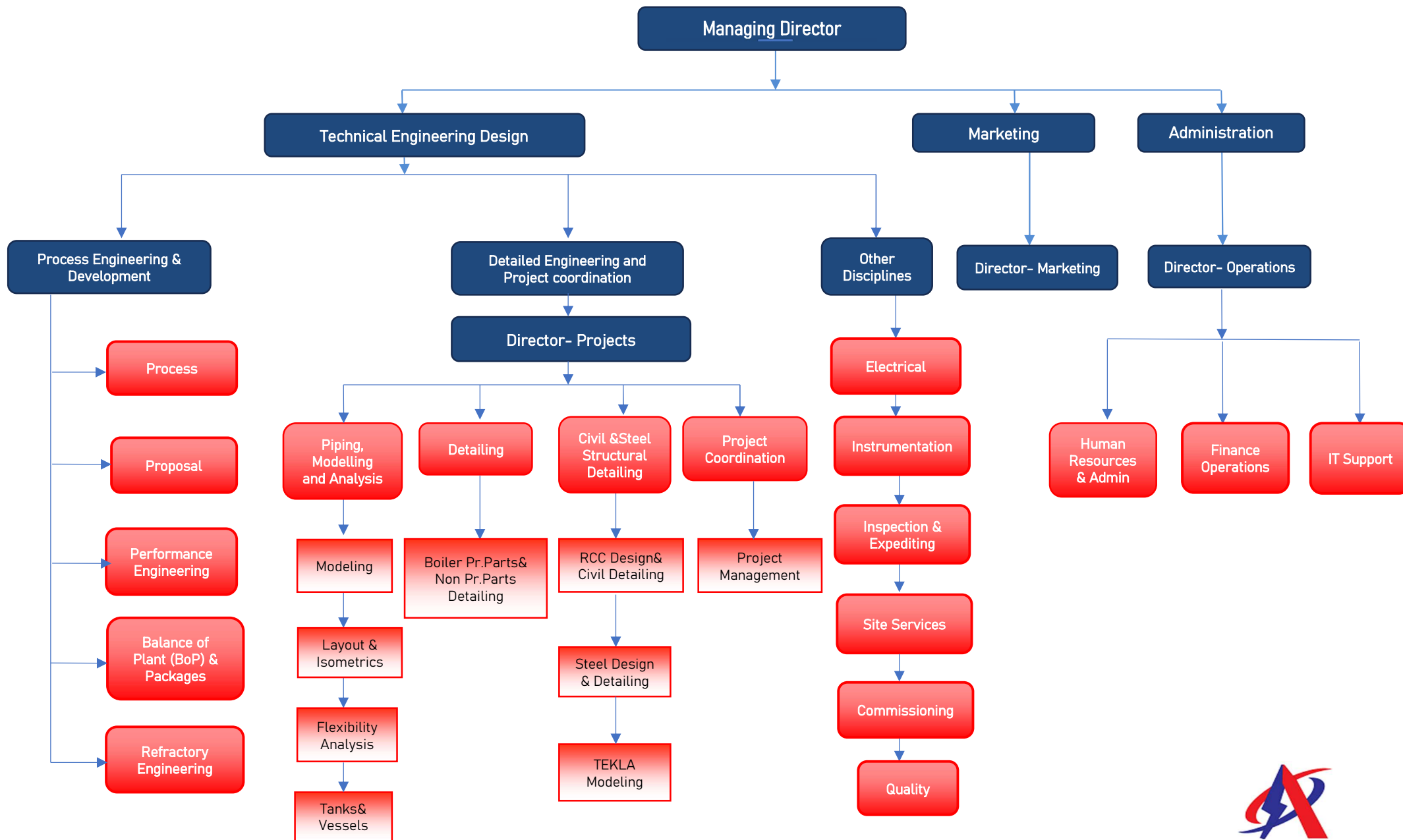
Basic & detailed Engineering of Steam Cooled Spacer
tubes in 700MW Manjung PC boiler, Malaysia (IHI)
(May 2023)

(Technip) First Engineering and Supply Contract
(July 2023)

(IHI) Flexibilization study Ajinomoto
(Nov 2023)

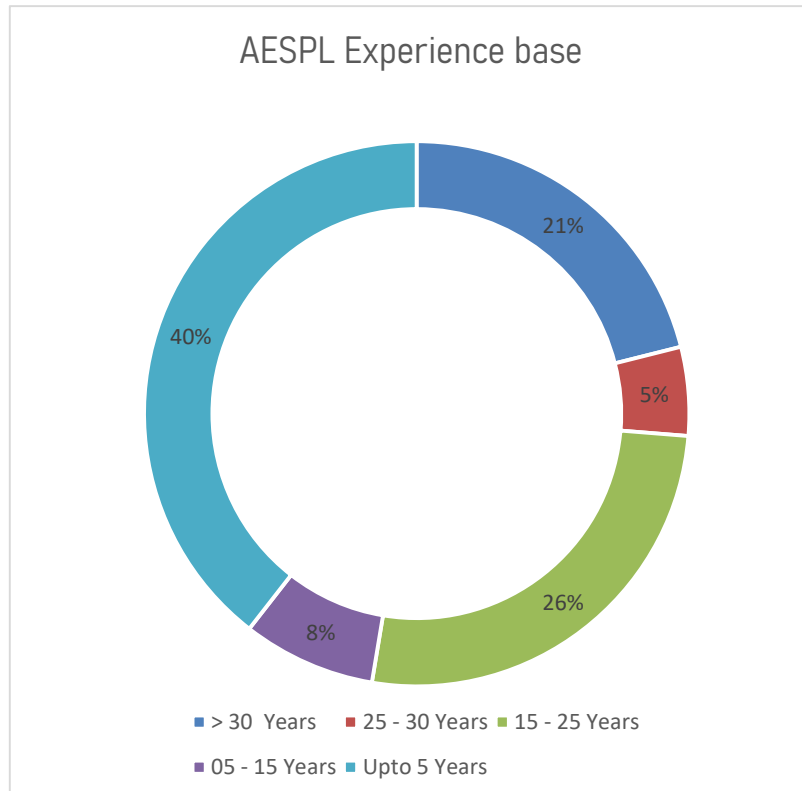
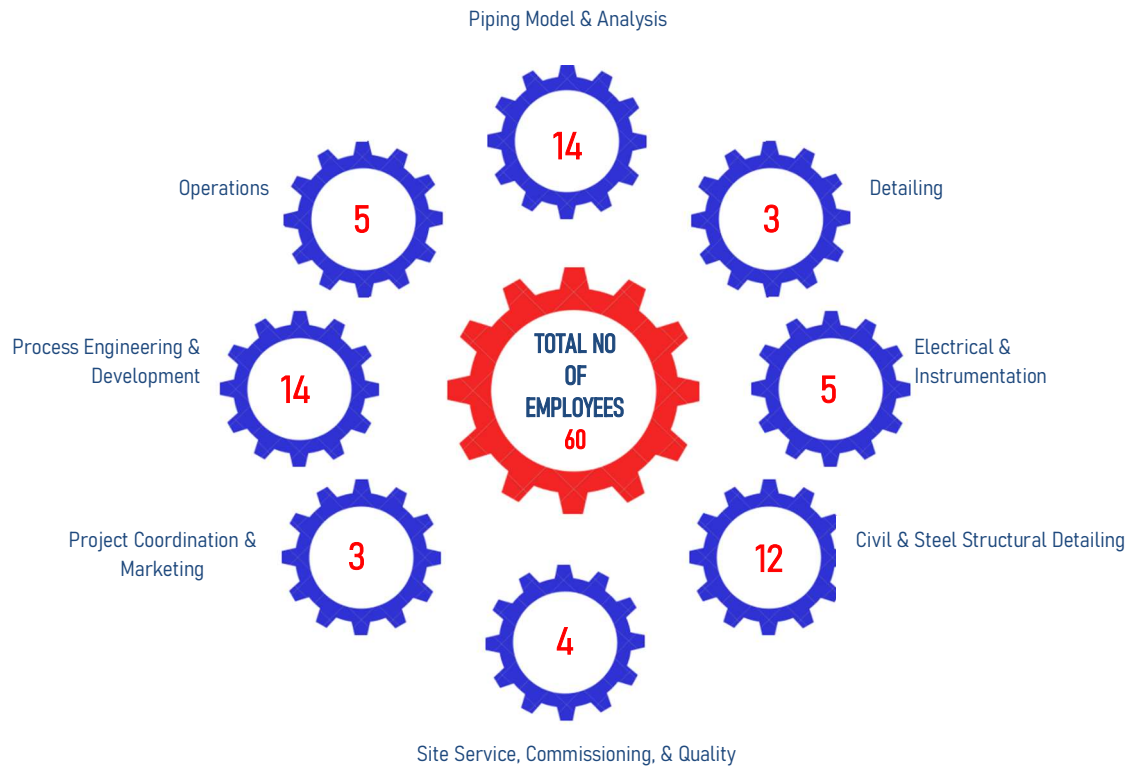


ORGANIZATION CHART





HUMAN RESOURCES





PRODUCTS & SERVICES

ENGINEERING & SUPPLY

Boiler Design, Engineering &
Supply of Bubbling and Circulating
Fluidized Bed (BFB & CFB)
Combustion boilers, Travelling
Grate boilers, Oil & Gas fired and
Waste Heat Recovery boilers.
Basic & Performance Engineering
Detailed Engineering

SUPPLY OF COMPONENTS

Pressure Parts Replacement
Gas skids & Chemical injection
skids
Ash Coolers
Vent Silencers
Steel Structures & Ducting etc

BASE LINE TESTING & PERFORMANCE GUARANTEE TEST

Mill Performance in Pulverized Coal (PC) fired boilers
Combustion System Performance in PC, BFB & CFB Combustion
boilers, Oil & Gas fired and Biomass fired boilers
Fan Performance in all boiler types
Stack Emissions

ENGINEERING & REVIEW OF PLANT PACKAGES

Boiler, Steam Turbine, Gas Turbine, Fuel Oil System, Flue Gas System, Compressed
Air System (GT IA, BOP IA, BOP SA), Exhaust Gas System with Bypass stack, Water
Treatment plant, CCCW System, Waste Water System, Lifting Equipment System,
Fire Protection System, Air Conditioning Mechanical Ventilation, H₂, N₂ and CO₂
Storage System, Rotating Equipment, Fuel, Ash and Dust handling system,
Emergency Diesel Generator (EDG), Black Start Diesel Generator (BSDG),
Transformers, Switch gears, Electrical, Instrumentation & Automation system, All
Civil buildings, Equipment Foundations.





ENGINEERING SOFTWARE EXPOSURE

Mechanical:	Structural Steel:	Piping:	Flexibility Analysis:	Modeling:
AutoCAD	StaadPRO	AutoCAD Plant 3D	CAESER II	PDS / PDMS
Inventor	Tekla	CAD Worx	Triflex 2.6.2	Aveva E3D
Solid Works	Electrical and Instrumentation:	MicroStation	AutoPipe	SP3D
PV-elite	SP Electrical		FEA / CFD:	S3D
E-Tank	ETAP		ANSYS	Navisworks
Nozzle Pro	SP Instrumentation		FLUENT	AutoCAD Plant 3D



LOCATION



AESPL – Location at **Trichy**

- 20 minutes' drive from Trichy International Airport
- 4.5 hours' drive from Chennai – Major Sea Port
- 4 hours' drive from Tuticorin – Major Sea Port
- 3 hours' drive from Karaikal (Pondicherry) Port
- 2 hours' drive from Madurai Airport
- Well connected with other major Indian cities by Rail, Road and Air.





CLIENT PORTFOLIO



JURONG ENGINEERING LIMITED (UAE)

JURONG ENGINEERING LIMITED (SINGAPORE)



AGATE GLOBAL SOLUTIONS



IHI POWER SYSTEM MALAYSIA



TECHNIP ENERGIES, INDIA



JEL MAINTENANCE LIMITED



OTHER OFFICE LOCATIONS

TRICHY

Registered Office

34, Sri Mari Avenue, Koothur,

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