

committed

to excellence in
engineering solutions
and services



about us



With a rich legacy of expertise and performance spanning over 22 years, CORE stands as a trailblazer in specialized EPC projects, manufacturing cutting-edge engineered systems, undertaking turnkey installations, and providing value-added services. Our proficiency is particularly distinguished in the Nuclear, Oil & Gas, Aerospace, and Defense sectors.

At CORE, our mission is to deliver value-added, cost-effective solutions that adhere to the strictest technical standards as demanded by our esteemed clients. We bring extensive exposure and expertise across other major industrial segments, including Steel, Chemicals, and Infrastructure. Our unwavering commitment to quality ensures that we meet your needs with precision and excellence.

Headquartered at Rupa Solitaire in the Millennium Business Park, Mahape, Navi Mumbai, CORE is strategically positioned to lead innovations within the industry. Our state-of-the-art manufacturing facility, Works - W150, located in the industrial hub of Dombivli, Thane district, underpins our product development capabilities.

Expanding our global footprint, CORE maintains overseas offices in London and Moscow. This international reach is further strengthened by a network of establishments across the Middle East and Africa, developed through strategic associations with numerous business partners. In India, CORE's influence extends through multiple offices and sites, supporting our rapidly expanding business and growing list of clients. This network continues to evolve, enhancing our ability to meet client demands promptly and efficiently.

With a foundation built on trust, innovation, and excellence, CORE is dedicated to shaping the future of engineering with innovation, technology and precision.





Core Business Philosophy

Business Model

Growth through Strategic Partnership.

Mission

Committed to total Customer Satisfaction & be amongst the most admired and trusted Partner delivering Reliable, Efficient & Quality Products and Services.

Vision

Emerge as a leading Integrated Solutions provider to the Nuclear, Oil & Gas, Defense Industry by leveraging on Technical Expertise and strong network of leading Global Partners.

Operating Principles

Create Value for our Customer.
Business with Ethics.

Operating Model

Value addition across the chain and deliver cost effective solution.

Our Behaviour

We build trust and respect. We cultivate an entrepreneurial culture. We encourage our people to excel. We deliver our promises.

Business Offering

Turnkey Projects ,
Engineered Systems &
Value added Services.

Our Structure

Group sets strategy
Divisions deliver results



Strengths

The CORE project management, Design & Engineering team has developed Innovative processes, technologies and capabilities to deliver customized solution across niche verticals.

CORE excels at

- **Project Management:** CORE has a comprehensive project management procedure which includes details of roles and responsibilities, legal, HSE, QA/QC, risk, cost and scheduling requirements.
- **Engineering:** Multi Discipline Engineering capability backed by customized design process that can cater to stringent and challenging applications.
- **Risk Management:** CORE has developed a layered approach to risk management that allows identifying and mitigating them.
- **HSEQ:** CORE has HSEQ management systems that minimises risks for companies, suppliers and contractor personnel associated with a project.
- **Procurement Management:** CORE has a comprehensive set of procurement management strategy by partnering with OEMs which helps in cost effective sourcing with shortest lead time
- **E-Business:** All of CORE's business processes are fully electronic and web enabled. This allows for the efficient flow of information to the various work sites.
- **Document Control:** CORE manages its entire project lifecycle with Innovative technology and in house software which are best in class and are used to manage various critical processes.

9 Reasons to Choose us

- Stringent Compliance to Safety and Environment.
- Being cost competitive and adherence to the Project Timelines.
- Strategic partnership with OEMs from around the world.
- Dedicated back-end technical team for on-demand solutions.
- Professional resource planning and allocation to meet short-notice needs of the customer.
- Quality Certified Systems and Standards. Technically Certified personnel by authorised bodies.
- Global service and spares support.
- Value Added Technical Services.
- Innovative Engineering Solutions.



Make In India

As a contribution to Make in India initiative, CORE is focussed on Indigenization of critical equipments and machinery that are manufactured abroad.

CORE methodology is to utilise local manpower and vendors so as to minimize project cost. By sourcing various components locally and using in-house fabrication we deliver robust systems with uncompromised quality.



Key Verticals



ETS

Engineering & Turnkey Solutions

Design, Engineer, Procure, Construct, Erect & Commission Projects. We undertake the entire spectrum of activities right from feasibility study, design and planning of the project till its execution and commissioning.



EPS

Engineered Package Systems

Engineer, Customize, Integrate & Manufacture Skid Mounted Packages meeting customer Applications. Design and develop Import substitutes for critical applications.



IPS

Industrial Productivity Solutions

Supply range of Industrial Products, Capital, Electronic & Electrical Equipments, Instrumentation Products, Components, Accessories & spares in association and joint venture with reputed OEM's.



IES

Industrial Engineering Services

Executing High End Engineering Services like Operation & Maintenance, Shutdown Maintenance, Erection & Commissioning of Plant, Manpower Supply, Repairs & Maintenance for niche sectors.



NES

Nuclear Engineering Solutions

CORE has the capability for providing the entire range of nuclear services from site management through to waste management and decommissioning, in collaboration with a LEADING TECHNOLOGY partner



The background image shows a large industrial facility, possibly a refinery or power plant, at sunset. Tall distillation columns and various pipes are visible, with some steam or smoke rising. In the foreground, there are yellow forklifts and a white truck. A circular inset in the upper right corner provides a close-up view of a complex piping system with blue and yellow pipes, valves, and electrical control boxes.

ETS

CORE provides complete range of services needed to design, engineer, construct, erect and commission projects. All projects are executed through effective and timely implementation by detailed planning, scheduling and continuous monitoring without compromising on Quality, Safety standards & Client requirements.

CORE is emerging as a holistic company with capability in residual and detailed engineering design. CORE's expertise coupled with domain knowledge gives an edge to our customers & Business associates to successfully execute even the most challenging projects on time.

We undertake Projects in Nuclear, Oil & Gas, Power, Petrochemical, Infrastructure and Other related Industries.

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Engineering
& Turnkey
Solutions

ETS

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Design & Engineering Consultancy

- FEED
- Pre Bid Engineering
- Basic & Detailed Engineering

EPCM/LSTK

- Compressed Air & Gas Systems
- HVAC & Chilled Water Plant
- Fire Fighting Systems
- Water Treatment Plant
- Waste Management & Water Treatment Plant
- Material Handling project
- Plant Project Management
- Plant Erection & Commissioning
- Electrical Transmission & Distribution



Engineered Package Systems EPS



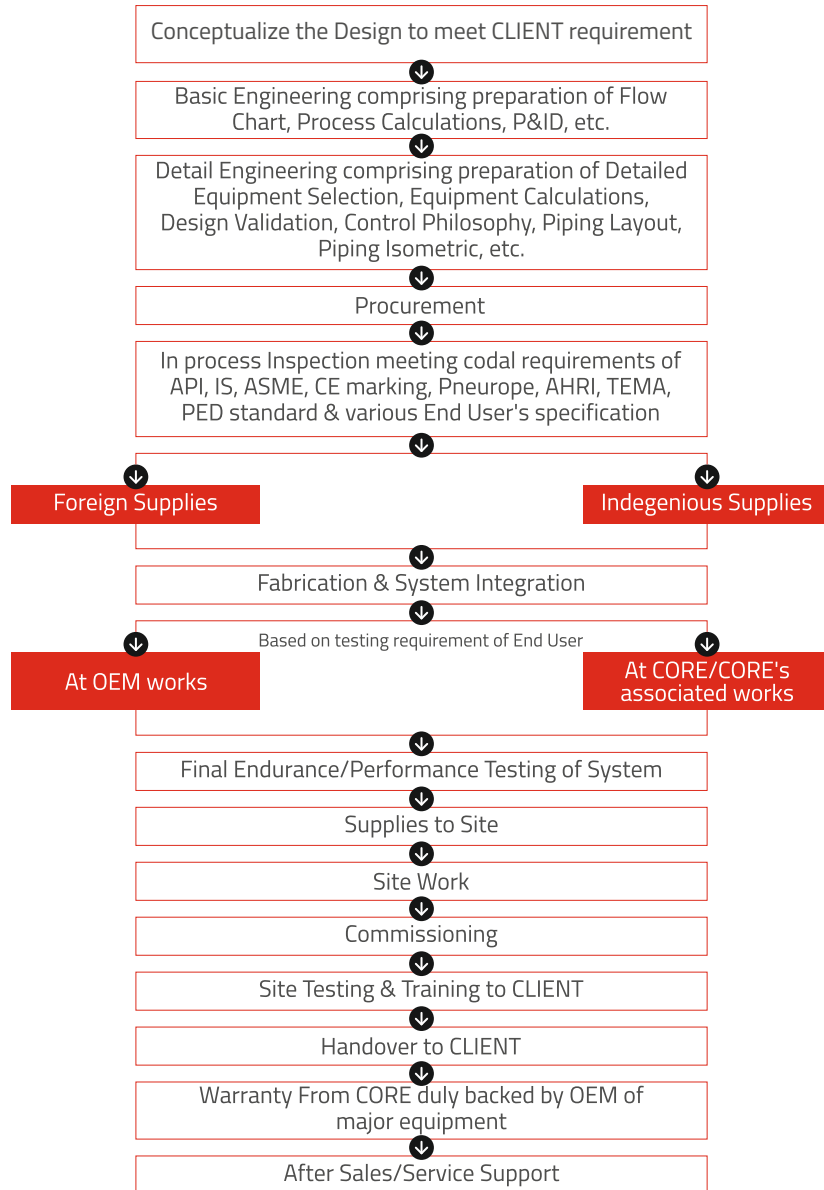
EPS

Our manufacturing techniques incorporate the industry wide best practices and are in full compliance with industry regulation and codes. We design and deliver Systems & Packages to meet the wide range of client requirements. CORE is fully equipped; International Standards and Codes qualified fabrication facility stands ready to assist you with all of your engineered packages needs.

However complicated your project, CORE will build-to-design according to your specifications. CORE will deliver the completed package optimized, certified, installed, and performance guaranteed for use anywhere in the world. We can offer either standard package, available from stock, or specialized systems to meet your specific needs.



EPS Process



System Integration & Skid Packages

- Compressed Air & Gas Skid Packages
- Containerized Compressed Air Package
- Process Pumps Skid Package
- Fire Pump Packages
- Odorisation Skids
- Metering Skids
- Hydropneumatic Systems
- Fluid Control Valve Stations
- Nitrogen & Oxygen Generator Skid
- High Vacuum Hybrid Systems
- CNG Compressors and systems

Nuclear

- Liquid Zone Control Compressor System
- ECCS Compressor Package
- Reactor Vault Door operations Vacuum Systems

Oil & Gas

- Flare Gas Recovery Systems
- CNG Compressor Packages
- Natural gas Conditioning Systems
- Fresh Water Makers
- Pneumatic winches & hoists



IPS

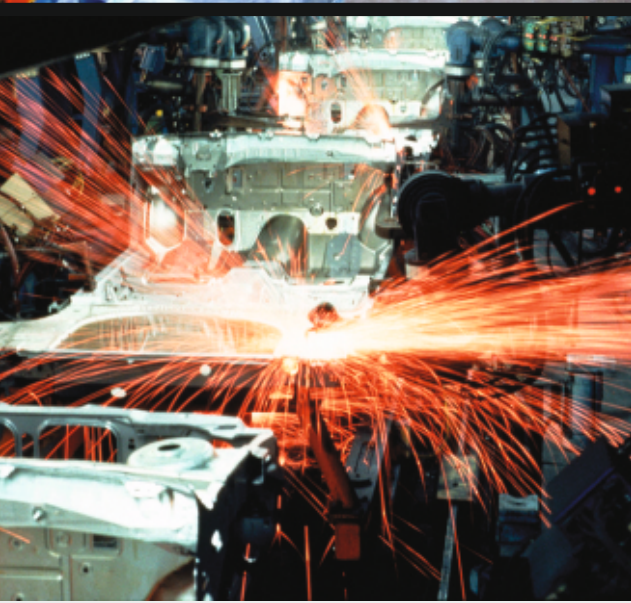
CORE has partnered with reputed International OEMs from around the world so that you have the most comprehensive range Capital and Electro Mechanical Equipments, Machineries, Electrical & Instrumentation products in India. Each OEM is a leader in its own segment and hence you can be assured that you will definitely find a product that meets your requirement and specifications.

We support our customers through an expert team of sales and factory trained service engineers, technicians and support staff. All the products we offer confirm to Highest Quality Standards and are energy efficient, Maintenance friendly with high consideration for Safety.

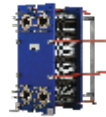
**Industrial
Productivity
Solutions**

IPS





Product	Category	Type
 COMPRESSOR	Air Compressor	Reciprocating Compressor
		Screw Compressor
		Centrifugal Compressor
		Diaphragm Compressor
	CNG Compressor	Reciprocating CNG Package Compressor
	Air & Gas Compressors	High Pressure Compressors
	Pet Compressor	High Pressure Compressor for PET Application
	Gas Compressors	Gas Compressors for Helium, Ammonia, Propylene, Hydrocarbons, LPG etc.
	Refrigeration Compressor	Reciprocating, Screw, Centrifugal
	Liquid Ring Compressor	Helium, Flare Gas, Methane Gas, Well Head Gas Recovery & Boosting, Compression of Hazardous or Corrosive mixture, Vapour Recovery.
 COMPRESSOR ACCESSORIES	Portable Air Compressor	Diesel/Electric Driven Screw Compressor
	Marine Compressor	Screw and Scroll(oil injected and oil free)
	Air Dryers	Refrigerated Air Dyer Heatless, Desiccant type Air Dryer
	Air Receiver	ASME Section VIII Div. I/II/III, IS 2825
 PUMPS	Filtration System	Oil Filters, Air Filters, Gas Filters
	Water Pumps	Domestic, HVAC, Flushing, Hydropneumatic, Cooling Water Circulation, Water Transportation, Water Treatment, Water Supply Irrigation
	Process Pumps	API Centrifugal Horizontal Pump
		Canned Motor Pumps
		ISO Centrifugal Horizontal Pump
		Axially Split Pump
		Multistage Pumps
		Vertical Turbine Pump
		Vertical Sump Pump
		Nuclear Pumps
		Self-Priming Pump
	Fire Pumps	UL Listed & FM Approved as per NFPA 20 Fire Pump
		Non-UL Listed & FM Approved as per NFPA 20 Fire Pump
	Nuclear Pumps	Steam Generator, Reactor Feed Water, Reactor Coolant, Primary Coolant, Recirculation, Waste Water, Fuel Pool, Containment



Product	Category	Type
VACUUM PUMPS	Vacuum Pumps	Rotary Screw, Lobe, Scroll, Rotary Vane, Dry Vacuum
Filtration	Air filters	HEPA Filters
HEAT EXCHANGER	Plate Heat Exchanger	Gasketed Plate Heat Exchangers
		Semi-Welded Plate Heat Exchangers
		Fully-Welded Plate Heat Exchangers
		Brazed Plate Heat Exchangers
	Shell & Tube Heat Exchanger	Process Cooling, Condensor Evaporator, Heating & Cooling of Fluids & Gases
HVAC	Chillers	Centrifugal Chillers
		Screw Chillers
		Scroll Chillers
	Air Conditioning	DX System
		Roof Top Machines
		Ductable Split Units
		High Wall Units
		Fan Coil Units
		AHU
		VRV
		Cassette Units
		Lobe Blowers
		Screw Blowers
		Centrifugal Blowers
BLOWERS	Blowers	
MATERIAL HANDLING	Material Handling Tools	Hoists
		Rail Systems
		Beam Damps
		JIB Cranes
	Marine Loading Arm	FBMA (Fully Balanced Marine Loading Arm), RCMA (Rotary Counterweighted Marine Arm), DCMA (Double Counterweight Marine Arm), MLA for Cryogenic Services, PMS (Position Monitoring System).
	Pneumatic Tools and Fluid Handling Equipments	Grinders
		Sanders
		Polishers
		Buffers
		AODD Pumps

	Product	Category	Type
	VALVES	Control Valves & Fittings	Butterfly Valves
			Check Valves
			Couplings & Fittings
			Expansion Joints
		Control Valves	Motorised, Pneumatic, Diaphragm Operated
		Valves	Butterfly, Gate, Globe, Ball, Knife, Check, SRV, Check
		Fire Fighting Valves	UL FM Approved Deluge, Alarm Valves
	PIPE FITTINGS	Bellow Seal Valves	Forged and welded bellow gate and globe valves.
		Victualic Coupling & Fittings	Grooved Fittings, SS Hoses, Grooved Couplings, Grooved Valves, Strainer
	NUCLEAR AND ROBOTICS	Electrical Penetration Assemblies (EPAs)	HT, LT, Instrumentation, Severe Accident Cable
		Robotics and Manipulator Arms	Manipulators, Telemanipulators, Telescopic Manipulator, Telescopic Master Slave Manipulator, ROV
		Underwater & Radiation Resistant Cameras	High Radiation ,Compact System, Shielded System
	ELECTRICAL EQUIPMENTS	HT Transformers	Shell Type, Core Type
		Motors	LT & HT Motors
		Cables	HV, LV Power Cables, Control and Instrumentation Cables.
	SURFACE TREATMENT AND PROTECTION	Adhesives, Sealants, Coatings	Anaerobic
		Fire-Proof Coatings and Heat Resistant Coatings, Epoxy Coatings	Industrial Application
	RETROFITS SOLUTION	Spares	Retrofit Spares/Pumps-Turbines, Compressor
	RADIATION RESISTANT CAMERAS	High to medium radiation	Radcam Epsilon
		Surveillance	Radcam Omega
		Fast deployment	Radcam Sigyn
		Analogue application	Radcam Delta
		Hard to reach locations	Radcam Loki
		Small & High Zoom	Radcam Aesir





IES

CORE specializes in providing wide range of Facility management solutions covering Utilities, Processes, Mechanical, Electrical & Instrumentation plant.

CORE's IES vertical specialize in creating an efficient workplace that adds value to our client's business. We help reduce occupancy costs & improve efficiency by implementing & managing processes that yield tangible results. Through a range of services - from Operations & maintenance to energy management, we provide our clients with total Facilities Management.

Industrial Engineering Services IES

Operation & Maintenance

- Utility Plants
- Process Machinery & Equipments
- CNG Fuelling Stations
- Material Handling, Loading & Unloading of Solid, Liquid, Gas
- Pumping Systems
- Waste & Effluent Treatment Plant
- Tank Farm & Jetty Operations
- HVAC System
- Switchyard & Electrical SubStation

Shutdown Maintenance

- Nuclear
- Oil & Gas
- Petrochemicals
- Fertilisers

Manpower Supply

- Qualified Engineers and Managers- Civil, Electrical, Instrumentation, Mechanical
- Safety Supervision
- Technical Domain Experts
- Industrial technicians
- Support Staff

Equipment Overhauls

- Rotary Equipments
- Reciprocating Equipments
- Gas & Steam Turbines



A photograph of a nuclear power plant at night. The central feature is a large, white, hourglass-shaped cooling tower that is illuminated from within, casting a warm glow. A thick plume of white steam or smoke rises from the top of the tower, partially obscuring the dark sky. To the left of the cooling tower is a smaller, dome-shaped structure, also illuminated. To the right is a rectangular building with a tall, thin chimney. The entire facility is situated on a riverbank, and the lights from the plant are reflected in the calm water in the foreground. The sky is a deep blue, and the overall scene is lit with a mix of warm yellow and cool blue tones.

NES

This vertical was formed in collaboration with a technology Partner in the year 2010, with an objective of providing complete services for the Nuclear Industry from New Build up to Decommissioning.

In association with our partner we offer the capability for providing the entire range of nuclear services from site management through to waste management and decommissioning services.

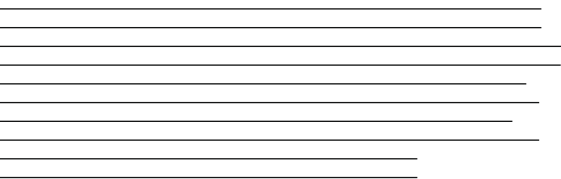
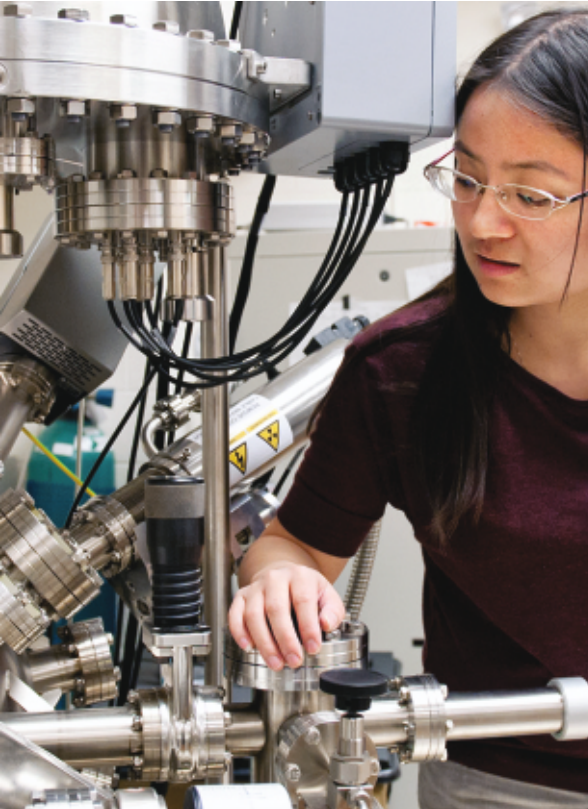
Nuclear Engineering Solutions NES

Nuclear Product Solutions

HEPA Filters
Radiation Resistant Cameras
Electrical Penetration Assemblies
Underwater ROV's
Crawlers and manipulators
Incinerators
Super Compactors
Ventilation Channel Closing Devices
Spent fuel handling machines
Waste drum monitoring system
Radiation monitoring systems

Nuclear Service Solutions

Near Surface Disposal Facilities
Nuclear waste management
Cementation technologies
Decommissioning service
Decontamination
Spent fuel management
Plant operation and maintenance
Shutdown maintenance



Horizontal Centrifugal pumps for Thermal Hydraulic Test Facility

Location
Vishakhapatnam

Description : Design, engineering, procurement and integration and commissioning of Horizontal Centrifugal pumps for their Thermal Hydraulic Test Facility

Evaporation type Fresh Water Maker Package

Location
ONGC Offshore Sagar Jyoti, Sagar Shakti, Sagar Vijay Rigs

Description : Design, Engineering, Manufacturing, Inspection, Testing, Supply and Commissioning of Evaporation type Water Makers for making Potable water for day to day usage on the rigs from Sea Water

Pneumatic Winching and Hoisting Systems

Location :
Reliance Jamnagar Refinery, Gujarat

Description : Design, material procurement, fabrication, inspection, testing, corrosion protection, supervision of erection and commissioning of the Pneumatic winch units of varying load ratings for the Decoker units of the refinery

Nitrogen Booster Compressor Packages

Location :
C2 C3 Recovery Plant Vijaipur

Description : Design, engineering, manufacturing, procurement of materials and bought out items, assembly, inspection, testing, erection and commissioning of Nitrogen booster compressor packages for increasing the operational flexibility of C2 C3 Recovery plants

Water Cooled Chiller System

Location :
NPCIL (RAPP - 7&8, KAPP - 3&4)

Description : Design, manufacturing, inspection, performance testing (At factory and site) and commissioning of Vapour Compression Chiller for NPCIL's power generation sites at Kakrapar in Gujarat and at Rawatbhata in Rajasthan for supporting their process requirements.

Projects

Power Distribution lines and Augmentation of Transformers –

Location :

Madhya Pradesh (Damoh, Katni, Balaghat)

Description : Supply, Survey, Installation, Testing and Commissioning of Substations, augmentation / additional power transformers, replacement and addition of power distribution lines, replacement of bare conductors and addition of new LT line, shifting and replacement of energy meters and roof top solar panels under IPDS Scheme.

Hiring of Technology assistants for BPCL

Location :

Pan India

Description : Providing skilled technology assistants for the Retail SBU's of BPCL sites at various locations all over India.

Contract services at ONGC

Location :

Rajahmundry Asset

Description : Hiring of Job Contract services for execution of miscellaneous jobs of skilled and semi-skilled nature for 3 years.

Helium Liquid Ring

Compressors

Location :

Kakrapar Atomic Power Station, Gujarat

Rajasthan Atomic Power Station, Rajasthan

Description : NPCIL's Project involved Designing, Manufacturing, testing, Supervising Erection & Commissioning and Seismic Analysis of 12 Helium Liquid Ring Compressors.

Emergency Core Cooling System Compressor Package

Location

- Kakrapar Atomic Power Station, Gujarat
- Rajasthan Atomic Power Station, Rajasthan

Description: Design, Manufacture, Inspect, Test 4 ECCS Compressors for NPCIL's Primary Piping Package for KAPP-3 & 4 & RAPP-7 & 8.

Clients



Ministry of Defence
Government of India



LARSEN & TOUBRO



TATA PROJECTS
Simplify. Create

RELIANCE
Infrastructure



RELIANCE Metro



Ansaldo STS



Oil tanking



Johnson & Johnson



Business Associates



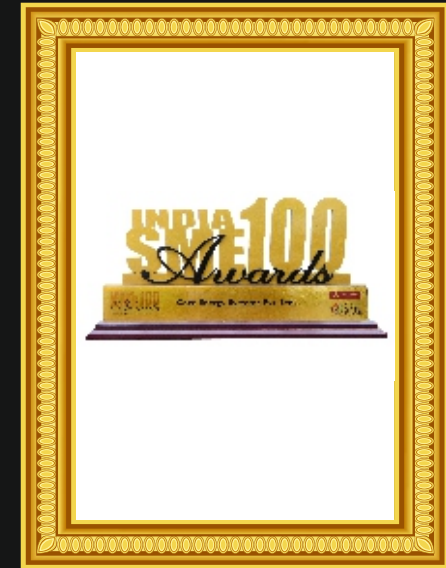
Awards



Winner of Dun & Bradstreet
SME's Business Excellence Award
2016 (Engineering & Machinery Category)



SME Excellence
Award 2016 - Best SME's
In Services (Runner up)



Rated among INDIA' s
TOP 100 SME' s
for the Year 2019



Rated among INDIA' s TOP 100 SMES
(out of 42,623 nominees) as SME's Achievers for 2
consecutive Years(i.e. 2012 & 2013)



Recognised as Asia's Most Trusted Engineering
Services & Project Management Company
Category by International Brand Consulting Corporation



Awarded for Zero Accidents and Best
Worker Safety Measures at workplace by
Fire Safety Security India

Recognition and Certification



CORE Offices and Partners



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