# PRECISION Solution You Can Trust



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## **PRECISION ENGINEERING**



# Welcome to Precision

Established in the year 1982 and gradually became one of the leading Companies in India through our competency, core values and principles. Due to our mutual passion and the energy we create allow us to achieve our goals and now we have a powerful way to win over the hearts of our potential customers. Due to trust and respect and commitment to complete the work in time, we appear credible in the eyes of our clients. We always dedicated to provide the Best Services to our customers across the country. Since its inception, over the last 37 years the Company established itself as a leading Company in the field of Operation & Maintenance and Major Capital Overhauling of Power Plants all over the country. We are pioneering in advancement and upgrading existing facilities to meet the best standards in the country. We foster a culture of mutual trust with our clients and primary focus is delivering highest standard of services to our customers by improving cost and qualities of our maintenance pattern. At Precision Engineering our people are our most important assets and we whole heartedly support them for achieving the desired goals of sustainable services. As we gradually continue to grow, we focus to create a sustainable service and focus on occupational health, Safety and environment and over the last 37 years of our service we achieved zero accident. We deliver commitments to all our customers by our values through preventive and corrective actions and interaction with our clients. Since last four decades we constantly learn to improve our quality of work in all respects and we completed all the works as per stipulated time with full satisfaction of our clients.

# About us

Established in the year 1982, one of the leading construction Companies in India which is built by Manpower, expertise and credibility. While the Company has diversified activities, it mainly focuses on providing specified Services in Power Sector. The Company is associated with Major Power Utility Companies of Public and Private Sector in India in the area of Annual Maintenance contract & Capital and major overhauling and also Erection, Testing, Commissioning Power Plants up to 800 MW.

At present we have got well trained staff and workers to meet with any kind of major works and exigencies. We have a team of highly qualified enthusiastic Engineers and other Professionals, and highly skilled manpower who have developed their expertise in every field. We work hard every day to make our customers fully satisfied by providing superior quality services, Good Maintenance for achieving optimum Production while ensuring maximum Health & Safety and minimal Environmental impact. The Company also provides after sales services and trouble shooting for speedy recovery and very less down time. We have Site Experts who can handle and operate the project and related problems. The members of our Project Team are highly skilled, experienced and trained and are responsible for the overall progress of the Project. The Company always provides to its team various career development and training opportunities to yield better results. Further, we have also tied up with various Expert Agencies for carrying out specialized jobs like Radiography, Heat Treatment, and Thickness Measurement and to provide Experts (Ex.BHEL) in the Power Sector.

In all the Years of its working, Precision Engineering has given utmost importance to ensure the Safety of its Manpower, Equipments and Work Place. Safety measures are followed very strictly at the work Sites and its office.

# The Success Trail



Mr. I Jacob, the brain behind the Growing Company laid the Foundation Stone of "Precision Engineering" on 2nd August 1982 with around 50 numbers of staff and workers. Inspite of going through a lot of tough times initially, the Company was able to survive only through the dedication of workers and staff under the proper guidance of Mr. I Jacob. The devotion, sacrifice, hard work, team spirit, mutual understanding, positive attitude and integrity

extended by the then and forthcoming staff and workers paved the way for the growth of the Company gradually from a Seed to a Firm of Proprietorship Viz. "Precision Engineering and our ambition has become a reality to a Private Limited Company Viz- Precision Erectors & Services Pvt.Ltd. 2012 by" Pouring water of team spirit, timely preparation of ground of hard working, putting manure of whole heartedness.

Starting with single Tender jobs at NTPC, KSTPS Korba for the jobs of mill maintenance, overhauling of ESP, Fans, HT & LT Motors, Duct and Dampers, APH and Coal Handling Plant of 3 x 210 MW and 3 x 500 MW Units. Further the services were extended to areas from Korba to NTPC-VSTPS Madhya Pradesh, NTPC FGUTPP Unhahar(UP), NTPC Simhadri , Andrapradesh, NTPC TSTPS Odisha and slowly after this company started getting jobs in private sectors also like Adani ,Reliance, Tata Power, Jindal, Vedanta, JSW etc.

Starting with the Erection of Auxiliary Boiler at TSPPS Talcher Odisha, the Company ventured in the erection field also. Precision Engineering successfully completed the erection work of Rotating Equipments of various sites such as NTPC, KSTPS,CGPGCL Korba East & West, LANCO Amarkantak Power Ltd. Korba, NTPC Sipat, NTPC TSTPS Talcher Odisha, NTPC Ramagundam, Techpro Ash Tech Ltd, Bilaspur, Bhuswal and Aligarh, Tata Power Project, Jharsaguda.. The Company has also successfully carried out the erection work of TTL Boiler at Gumidipndi OPG Power Plant, Chennai.

We are pioneers in the field of Operation and Maintenance of Power Plants in all over India since the year 1982. In the past 37 years we are playing a leading role in the Power Sector and extending our sincere services to Public Sector as well as Private Sector Power Plants through our highly qualified well experienced manpower under the proper guidance and Leadership of our MD Mr. I Jacob.

6 Mr. I Jacob Heads the Company as its Managing Director and under his able and proper guidance from time to time has been able to climb the ladder of success through his diligence and down to earth nature. He emphasis on building up trust among the work force and providing them support even at time of any kind of exigency.

# MISSION

To be recognized one of the leading construction companies in Power Industry based on excellence, creative ideas, innovative methods, comprehensive execution of projects and commitments to the customers with total confidence. We believe that maintenance as one of the most important tools for optimizing production. We continuously strive to fully master the technology into our clients production objectives. We are actively facilitate the development of rich natural and human resources in a financially, socially and environmental responsible way.

# Consistent Focus on our Core Mission.

Precision Engineering is the leading independent Operation and Maintenance Specialists for Power Plants of leading Public Sector and Private Sector Companies. Further to ensure quality workmanship to meet or execute customer requirement. Timely completion of Projects by introducing new methods and innovative ideas in projects. To achieve organization skills and achieving growth by adopting new techniques. We are committed to maintain highest standards of Occupational Heath & Safety and environment protection as we focus on improving safety procedures to achieve goal of zero incident.

# Policy & Management

It is the policy of Precision Engineering to protect the health and safety of our employees, customers and the peripherals. Higher management shall ensure to align among the whole company globally. This Environmental, Health and Safety (EHS) policy of Precision Engineering committed to:

- Create a workplace free from accidents, injuries and exposure to hazards, conserve natural resources and prevent pollution to protect the ecological balance.
- Use process of safety and management procedures like Safety Audits, health analysis and documentation of housekeeping and storage related information
- Prepare ourselves to address EHS emergencies.
- Continuous monitoring of objectives and targets to improve our EHS performance.
- Establish global standards for EHS that are technically and scientifically sound to protect human health, safety and above all the environment.
- Acquire genius for a better organizational structure to support achieving these objectives.
- Circulating the EHS values throughout the company.
- Review and report to the Management about EHS performance on a periodic basis to improvise the standards continuously.
- Health being the indispensable organ of any organization is to be given top priority and monitored strictly periodically.





## Safety Programme



Safety Programme



## Our Safety Culture in the workplace.

- Our first & foremost target is maximum customer satisfaction with highest safety standards.
- Safety in our concern is way ahead of anything else.
- We give respect to all critical angles of safety proposed by any concern.
- There is no margin for error regarding safety in our organization.
- Obeying all safe rules 81. Norms introduced anywhere at any point of the Universe.
- We provide safety to all our fellow men.
- Regards to others views regarding safety.
- All workmen should come to site with a fresh mind.
- None is allowed to the site without proper PPEs which is provided by us time to time.
- Safety officer & the site representative will address all the workers everyday morning to discuss the safety views 81 reviews.
- Tool box report has to be made at first.
- Job Safety Analysis is being done before taking up any jobs.
- No work can be done unless and until it is inspected by supervisory staff and declared conductive for safe execution.
- After having clearance from supervisor & department the work will be started with a five minute safety discussion.
- All other terms & conditions of safety of the client is accepted by us.





**Boiler Drum Erection** 



4x300 mw Mill & Fan Erection

# Maintenance Startegy

We have a definite plan to implement the basic industrial maintenance i.e. predictive maintenance, Preventive maintenance, Corrective maintenance. Breakdown maintenance - overhauling.

- Continuous monitoring of the system in accordance with the operation team.
- Efficiency Measures as per the observation.
- Defect list of past 2 years.
- · Renovations and corrective measures with global overview.
- Spare life period and preventive measures having technical sharing with OEM.
- Quality of Consumables and outsourced spares
- Quality of T&P and Machineries with ready to use test certificates.
- 100% utilization of technical skill.
- Checklist as per the design and standards.
- Addressing in field experts after corrective maintenance.
- Equipment performance overview.
- Minimization of power utilization
- Team Work lead by efficient Engineers having sufficient in field knowledge.
- Safety and precautionary measures from point to point observation
- Making approach for the SOS maintenance throughout the plant.
- Waste Disposal / ash disposal / waste lubricant disposal/ metallic and nonmetallic Scrap disposal approaches to be modified.
- Reporting and filing of maintenance activities.
- Job Safety Analysis.
- SOP and SMP as per the drawing and design





Hydro Bin Erection



Mill tyre replacement



Annual Maintenance Contract in short AMC is to our customers at a cost that helps keep their plant in proper working condition by providing as reasonably necessary all man and machine and professional, supervisory and managerial personnel as are required to perform the Services. Our Scope and work arena :

Mechanical - Boiler TG & Mill, Coal Mill, TG,CHP ,Motor, ESP Pressure Parts . AUX. , BOP, System Of Ash Handling System. DRAIN TO RENCH PIPE WORK, RYM OF XRP-803 MILLS & ITS COMPONENTS , RYM OF BOILER MAINTANCE.

Electrical- TRSFORMERS , LT SWITCH GEAR, LT BLOWERS, HT / LT MOTORS

C & I - Vast experience with NTPC many a plant on maintenance of Control Panel Cleaning, Field JB Termination tightness, Calibration of Pneumatic actuator with PFT, checking of field instrumentation,PA System, etc.

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S.No.	Location	Scope of Works	Associated With	Project Specs	Status
1	RATNAGIRI, M.H	ANNUAL MAINT. CONTRACT FOR C&I MAINTENANCE	JSW ENERGY PVT. LTD., RATNAGIRI.	4 X 300 MW	RUNNING
2	ANGUL , ODISSA	ANNUAL MAINT.CT\ FOR ST-II C&I SYSTEM	NTPC/TALCHER SUPER THERMAL POWER PROJECT.	6 X 500 MW	COMPLE- TED
3	ANGUL , ODISSA	ANNUAL MAINTENANCE CONTRACT FOR C&I SYSTEM OF U#3	NTPC/TALCHER SUPER THERMAL POWER PROJECT.	6 X 500 MW	COMPLE- TED
4	ANGUL , ODISSA	MANPOWER CONTRCAT FOR CONTRACT FOR C&I SYSTEM OF U#3	NTPC/TALCHER SUPER THERMAL POWER PROJECT.	6 X 500 MW	COMPLE- TED
5	BHILAI, C.G	ASSISTANCE FOR DEPARTMENTAL JOBS OF C&I DEPT.	NSPCL/BHILAI C/O UTILITY POWER TECH. LTD.	2 X 250 MW & 1 x 250 MW	COMPLE- TED

### Scope - C & I

### <u>Scope - Electrical</u>

S.No.	Location	Scope of Works	Associated With	Project Specs	Status
1	MOUDA/ NAGPUR	AMC OF HT/LT MOTORS.	NTPC MOUDA SUPER THERMAL POWER PROJECT.	2 X 500 MW & 2 X 660 MW	RUNNING
2	VISKHAPATNAM, A.P	AMC OF TRSFORMERS , LT SWITCH GEAR, LT BLOWERS.	NTPC/SIMHADRI SUPER THERMAL POWER PROJECT.	4 X 500 MW	RUNNING
3	VISKHAPATNAM, A.P	AMC OF HT/LT MOTORS.	NTPC/SIMHADRI SUPER THERMAL POWER PROJECT	4 X 500 MW	RUNNING
4	TALCHER, ODISHA	AMC FOR HT/LT MOTOR	NTPC/TALCHER SUPER THERMAL POWER STATION	6 X 500 MW	RUNNING
5	JHAJJAR, HARYANA	AMC FOR HT/LT MOTORS	ARAVALI POWER COMPANY PRIVATE LIMITED	3 X 500 MW	RUNNING
6	TIRODA, NAGPUR	COMPLETE MECHANICAL MAINTENANCE OF BOILER & ITS AUXILIARIES INCLUDING ESP, HT/LT MOTORS & CHP	ADANI POWER MAHARASTRA LTD.	5 X 660 MW	RUNNING
7	TALCHER, ODISHA	AMC for HT/LT Motors and Boiler Maint.	NTPC, TTPS, Angul	2 x 110 MW & 4 x 60 MW	COMPLE- TED
8	ANUPPUR, M.P	Complete Electrtical Maintenance	MP POWER MADHYA PRADESH LTD.	2 X 600 MW	COMPLE- TED

### Scope - BTG & BOP

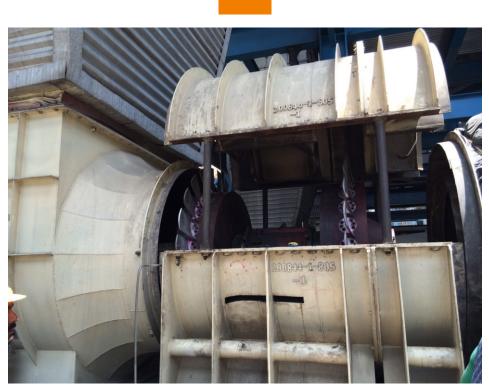
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1	Shahanjahanpur, U.P	AMC- For Boiler TG & Mill.	Rosa Power Supply Co. Ltd. Mumbai.	4 x 300 MW	COMPLE- TED
2	NTPC, Bilaspur, Sipat, C.G	AMC of Coal Mill, TG - Break Down Maintenance.	NTPC, Bilaspur, Sipat, C.G.	3 X 660 MW	COMPLE- TED
3	NTPC Khaniha, Talcher , Orissa	AMC for Boiler , Mill , CHP , Motor, ESP, Presure Parts Maintances Work.	NTPC Khaniha, Talcher, Orissa.	6 X 500 MW	COMPLE- TED
4	Paricha, U.P	AMC for Mill & Fan Work.	UPRUV Co. Ltd. Paricha . U.P.	2 x 210 MW	COMPLE- TED
5	NTPC Unchahar. U.P	AMC Boiler & AUX., BOP System for U# I & II.	NTPC Unchahar . U.P.	2 x 200 MW	COMPLE- TED
6	KSTPS -NTPC KORBA.C.G	AMC HT/LT motor and Mill Maintance.	NTPC - KSTPS, Korba C.G.	3 X 200 MW & 4 X 500 MW	COMPLE- TED
7	Shimhadri STPP, Visakapatnam, A.P	AMC Periodical special assistance and overhauling works in Fan & APH area. Periodical asst. In Stg I & II, Bowl Mills.	NTPC Ltd., Visakapatnam, A.P.	4 X 500 MW	COMPLE- TED
8	BANDHAKAR, KORBA	OPERATION & MAINTENANCE OF MAIN PLANT MECHANICAL MAINTENANCE.	MARUTHI CLEAN COAL & POWER LTD.	1 X 300 MW	RUNNING
9	CHAKABURA, KORBA	AMC for Boiler & It's Auxiliaries.	ACB(I) LTD.	2 X 135 MW	RUNNING

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10	RATNAGIRI, JAIGAD, M.H	AMC & BREAKDOWN MAINT. OF BOILER & ITS AUXILIARIES, BOP SYSTEM, TG AUXILAIRIES.	JSW ENERGY PVT. LTD.	4 X 300 MW	RUNNING
11	MOUDA, NAGPUR, M.H	ROTARY MACHINE,DUCT & DUMPERS & O/H OF FANS, COAL MILLING SYSTEM & COAL PIPING, SWGR, ESP & DC SYSTEM.	NTPC MOUDA SUPER THERMAL POWER PROJECT.	2 X 500 MW & 2 X 660 MW	RUNNING
12	JHARSAGUDA, ODISSA	BALANCE OPEN DRAIN TO TRENCH PIPE WORK U #1.	BGR ENERGY PVT. LTD. C/O IB THERMAL.	2 X 210 MW	RUNNING
13	KORBA, C.G	AMC & OVERHAULING OF MDV, MPO & COAL FEEDERS OF STAGE-II & III, XRP-803 MILLS STAGE-I, MILLS & ITS INTERNALS OF ST-II, II & III.	NTPC/KORBA SUPER THERMAL POWER PROJECT.	3 X 200 MW & 4 X 500 MW	RUNNING
14	KORBA, C.G	AMC FOR REFURBISHMENT OF CONICAL PORTION OF THE BUNKER IN FEEDER STG - I.	NTPC/KORBA SUPER THERMAL POWER PROJECT.	3 X 200 MW & 4 X 500 MW	RUNNING
15	KORBA, C.G	RYM OF XRP-803 MILLS & ITS COMPONENTS , RYM OF BOILER MAINTANCE AT U# I, II, III & IV.	CSPGCL/ KORBA WEST.	4 X 210 MW & 1 X 500 MW	RUNNING
16	KORBA, C.G	AMC CONTRACT FOR ELECTRICAL & AC MAINT. SYSTEM.	BALCO/VEDANTA.	4 X 300 MW	RUNNING
17	BHADARAK, ODISHA	OPERATION & MAINTENANCE.	FACOR POWER LTD.	100 MW	RUNNING
18	JAJPUR, ODISHA	OVERHAULING CONTRACT.	JINDAL STAINLESS STEEL POWER.	2 X 125 MW	RUNNING
19	ANGUL, ODISHA	MECHANICAL MAINTENANCE.	JINDAL STEEL & POWER.	6 X 135 MW	RUNNING
20	TALCHER, ODISHA.	AMC FOR ROUND THE CLOCK MAINTENANCE IN CHP, MILLING SYSTEM, ROTARY PARTS INCLUDING FANS.	NTPC/TALCHER SUPER THERMAL POWER STATION.	6 X 500 MW	RUNNING
21	DHENKANAL, ODISHA	OPERATION AND MAINTENANCE OF BTG AND BOP.	NAV BHART VENTURIES LTD.	2 X 64 MW	RUNNING
22	DHENKANAL, ODISHA	MECHANICAL MAINTENANCE OF BTG AND BOP.	GMR KAMALANGA ENERGY LTD.	3 X 350 MW	RUNNING
23	LANJIGARH, ODISHA	OPERATION AND MAINTENANCE BTG AND BOP.	STEAG ENERGY SERVICES (INDIA) PRIVATE LIMITED/VEDANTA LTD.	3 X 30 MW	RUNNING
24	RAYAGADA, ODISHA	MECHANICAL MAINTENANCE FOR BTG AND BOP.	WARTSILA INDIA PRIVATE LIMITED/UTKAL ALUMINA INTERNATION LTD.	3 X 30 MW	RUNNING
25	TIRORA, NAGPUR, M.H	COMPLETE MECHANICAL MAINTENANCE OF BOILER & ITS AUXILIARIES INCLUDING ESP, HT/LT MOTORS & CHP.	ADANI POWER MAHARASTRA LTD.	5 X 660 MW	RUNNING
26	BADADHARA, JANJGIR- CHAMPA, C.G.	AMC SERVICES FOR BOILER & WTP PACKAGES.	DB POWER LTD.	2 X 600 MW	RUNNING
27	BANDHORA, WAIDHAN	ANNUAL MAINTENANCE CONTRACT FOR BOILER ,BOP & BREAKDOWN MAINT. OF BOILER TUBE LEAKAGE.	ESSAR POWER MP LTD.	2 X 600 MW	RUNNING
28	TILDA, RAIPUR, C.G	OPERATION & MAINTENANCE CONTRCAT FOR BTG SYSTEM.		2 X 685 MW	RUNNING

29	ANUPPUR, M.P	MECHANICAL MAINT. AND OPERATION OF BTG & BOP.	MP POWER MADHYA PRADESH LTD.	2 X 600 MW	RUNNING
30	Korba - Patadi, C.G.	ANNUAL MAINTENANCE CONTRACT FOR BOILER ,BOP & BREAKDOWN MAINT. OF BOILER TUBE LEAKAGE.	LANCO, Amarkantak.	2 x 300 MW	RUNNING
31	Renki, Korba	ANNUAL MAINTENANCE CONTRACT FOR BOILER ,BOP, BREAKDOWN MAINT. OF BOILER TUBE LEAKAGE .	S.V Power	1 X 63 MW	RUNNING
32	CLP India , Hariyana	Annual Rate Contrcat for Turbine & Aux. & BOP Equipments.	Jhajjar Power Ltd. , Hariyana.	2 x 660 MW	COMPLE- TED
33	GMR Warora	AMC for Boiler & BOP System.	GMR Emco Energy Ltd. (MH).	2 x 300 MW	COMPLE- TED
34	Amravati, Rathan India	AMC for Boiler , TG & BOP System & APH , CHP Etc.	Rathan India Ltd.	5 x 270 MW	COMPLE- TED
35	Korba (C.G)	AMC for boiler , TG BOP System.	Balco Captive Power Plant.	270 MW	COMPLE- TED
36	Ratiza, Korba	AMC for boiler, TG BOP System.	Spectrum Coal & Power Ltd.	1 x 50 MW	COMPLE- TED
37	Dariba, Rajastan	O&M for Boier Aux. & TG Auxiliaries.	Hindistan Zinc Ltd. , Dariba.	2 x 80 MW	COMPLE- TED
38	Udupi, Karnataka	ANNUAL MAINTENANCE CONTRACT FOR BOILER & ITS AUXILIARIES , ESP, AHP.	Udupi Power Generation Co Ltd.(Adani Power).	2 X 600 MW	COMPLE- TED

### **Scope - Ash Handling System**

Scop		uning bystem			
S.No.	Location	Scope of Works	Associated With	Project Specs	Status
1	BANDHAKAR, KORBA	OPERATION & MAINTENANCE OF ASH HANDLING PLANT.	MARUTI CLEAN COAL & POWER LTD.	1 X 300 MW	RUNNING
2	CHAKABURA, KORBA	OPERATION & MAINTENANCE OF ASH HANDLING PLANT.	ACB(I) LTD.	2 X 135 MW	RUNNING
3	TIRORA, NAGPUR, M.H	OPERATION & MAINTENANCE OF ASH HANDLING PLANT.	ADANI POWER MAHARASTRA LTD.	5 X 660 MW	RUNNING
4	BANDHORA, WAIDHAN	OPERATION & MAINTENANCE OF ASH HANDLING PLANT.	ESSAR POWER MP LTD.	2 X 600 MW	RUNNING
5	ANUPPUR, M.P	OPERATION & MAINTENANCE OF ASH HANDLING PLANT.	MP POWER MADHYA PRADESH LTD.	2 X 600 MW	RUNNING
6	Korba -Patadi, C.G.	OPERATION & MAINTENANCE OF ASH HANDLING PLANT.	LANCO, Amarkantak	2 x 300 MW	RUNNING
7	Renki, Korba	OPERATION & MAINTENANCE OF ASH HANDLING PLANT.	S.V Power	1 X 63 MW	RUNNING
8	Udupi, Karnataka	ANNUAL MAINTENANCE CONTRACT FOR AHP & its Auxiliers.	Udupi Power Generation Co Ltd.(Adani Power)	2 X 600 MW	COMPLE- TED



Overhauling of FD fans



Sea Water Pump Overhauling

CWP Overhauling

# <u>Overhauling & Breakdown</u>

Renovation of Boilers and Auxiliaries, repair - modification and rehabilitation for Boilers. Pressure parts, milling system, rotating parts and ducting. HP/LP piping works. Operation & Maintenance of CHP, Repair, Replacement of ESP component.

S.No.	Location	Scope of Works	Associated With	Project Specs	Status
1	Angul, Orissa	Coal Compartment replacement and associated Jobs, during Overhauling and reconditioning.	NTPC Ltd., Talcher STPS, Orissa	3 X 500 MW	Completed
2	Angul, Orissa	Overhauling of Boiler presseure Part, except LTRH, ECO, HTSH, during shot short down.	NTPC, Talcher STPS, Orissa	3 X 500 MW	Completed
3	Shahanjahanpur	Overhauling of Boiler presseure Part (Pass - 1 & II), Shoot Blower, HP Valves, Scaffolding Erection & Dismissmelting, Service of Coal Bumker, Coal piping, Fuel & Oil System, Service of APH & Fans.	Rosa Power Supply Co. Ltd. Mumbai	4 x 300 MW	Completed
4	Pathadi, Korba C.G	AOH for Boiler - Pressure Parts.	Lanco Amarkantak Power Ltd.	2 X 300MW	Completed
5	Korba. Chhatisgarh	AOH Mills and its components, Gear Box.	Chhatisgarh Power Generation Co. Ltd. Korba	2 X 210 MW	Completed
6	Korba. Chhatisgarh	Annual Overhauling of CC Pump at NTPC KSTPS U# 4 to 7	NTPC KSTPS U# 4 to 7 Korba. C.G	3 X 200 MW & 4 X 500 MW	Completed
7	Korba. West, Chhatisgarh	Overhauling of HT Motors- in plant and offsite area.	NTPC, Korba , C.G	3 X 200MW & 4 X 500 MW	Completed
8	Bhandakar ,Pali, Korba, C.G	O/H of Boiler Pressure parts & Auxiliaries.	Maruti Clean Coal and Power Ltd. Bhandakar , Pali, Korba, C.G	1 X 300 MW	Completed
9	Bhandakar ,Pali, Korba, C.G	Erection, Testing and commissioning of ESP (Filed 01 Chamber 03.).	Maruti Clean Coal and Power Ltd. Bhandakar, Pali, Korba, C.G	2 X 300 MW	Completed
10	NTPC, Bilaspur, Sipat , C.G	Overhauling of HT Motor Stg.I and II, Overhauling of APH & Fans.	NTPC, Bilaspur, Sipat, C.G	3 X 660 MW	Completed
11	Jaigad, Ratnagiri	Annual shut down -Overhauling of Boiler and Esp Area.	JSW Engry limited. Ratnagiri	4 x 300 MW	Completed
12	NTPC, Bilaspur, Sipat , C.G	Overhauling of Burner 500 MW Stg.II, Reclamation fo coal compartments assemblies.	NTPC, Bilaspur, Sipat, C.G	2 X 500 MW	Completed
13	Pathadi, Korba C.G	OH of ID FD PA Fans	Lanco Amarkantak Power Ltd.	2 X 300MW	Completed
14	Angul, Orissa	OH Air preheater U # 5 Stg.II, AOH - Ducs, Dampers, Gates, O/H of Boiler presseure Part, Valves, Shoot Blower, hanger Supports. 2 Units. Stg.II.	NTPC Ltd., Talcher STPS, Orissa	3 X 500 MW	Completed



S.No.	Location	Scope of Works	Associated With	Project Specs	Status
15	Balco Nagar, Korba . C.G	Unit Overhauling of Boiler CPP3.	Bharat Aluminium Co. Ltd	4 X 300 MW	Completed
16	Badadhara, Janjgir-Champa, C.G	U# 1 AOH WORK, Boiler Pr.Part, Coal Piping ,Ducts, Dampers, Refact, Insulation and Misc. Jobs.	DB Power Limited, Badadhara, Janjgir- Champa, Chhattisgarh	3 X 600 MW	Completed
17	Talwandi, Punjab	AOH Ash Handling System of U # 2 of 3 X 660MW Talwandi.	STEAG Energy Services (I) Pvt. Ltd. ( Vedanta Power )	3x 660 00 MW	Completed
18	DHENKANAL, ODISHA	O/H of ESP.	GMR KAMALANGA ENERGY LTD	3 X 350 MW	Completed
19	Balco Nagar, Korba . C.G.	Unit Overhauling of ESP CPP3.	Bharat Aluminium Co. Ltd	4 X 300 MW	Completed
20	CHAKABURA, KORBA	O/H of Eco Coil Works.	ACB(I) LTD.	1 x 30 MW	Completed
21	Korba. West, Chhatisgarh	O/H of Boiler Pressure parts & Auxiliaries.	Chhatisgarh Power Generation Co. Ltd. Korba	2 x 210 MW	Running
22	Marwa	O/H of Boiler Pressure parts & Auxiliaries.	Chhatisgarh Power Generation Co. Ltd. Korba	2 x 500 MW	Running
23	DHENKANAL, ODISHA	O/H of Boiler Pressure parts & Auxiliaries.	GMR KAMALANGA ENERGY LTD	3 X 350 MW	Completed
24	Angul , Odisha	O/H of Boiler Pressure parts & Auxiliaries.	Jindal India Thermal Power Ltd.	2 x 600 MW	Completed
25	Padampur, Jharkand	O/H of Boiler Pressure, Mills etc.	Adhunik Power & Natural Resurses	2 x 270 MW	Completed
26	Raigarh , Chhattisgarh	O/H of Boiler Pressure parts & Auxiliaries.	TRN Energy Pvt. Ltd.	2 x 300 MW	Completed
27	VISKHAPATNAM A.P	O/H OF FANS & APH.	NTPC/SIMHADRI SUPER THERMAL POWER PROJECT.	4 X 500 MW	Completed
28	NTPC, Bilaspur, Sipat , C.G.	Overhauling of burner.	NTPC, Bilaspur, Sipat, C.G.	3 X 660 MW	Completed
29	NTPC, Bilaspur, Sipat , C.G.	O/H OF FANS & APH.	NTPC, Bilaspur, Sipat, C.G.	3 X 660 MW	Completed
30	Pathadi, Korba C.G.	O/H of ID,FD PA fans.	Lanco Infratech Ltd.	2 X 660 MW	Completed
31	DHENKANAL, ODISHA	Boiler repairing & valve tube leakage works.	Bhushan Steel Ltd. (Odisha)	4 x 250 MW	Completed



CW Pump overhauling

# **Erection Services**

Fabrication and Erection of Heavy structure with quality workmanship up to testing and Commissioning. Erection of Boiler Auxiliaries, Mills, of power plant and infrastructure equipments like -

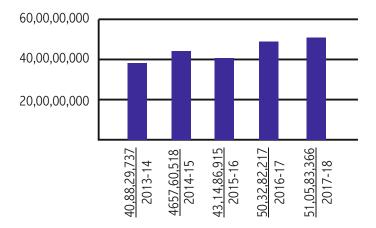
- \* Steam Generators (Boiler)
- \* Turbine Generators (TG)
- \* Piping System
- \* Balance of Plants (BOP)
- \* Fabrication and Erection of Structures
- \* Electro static precipitator (ESP)
- \* Air-Pre-Heater (APH)
- \* Rotary Equipments & CHP.
- \* Ash Handling System

S.No.	Location	Scope of Works	Associated With	Project Specs	Status
1	Gumupundi	Erection, Testing, Commissioning of Boiler, Rotating Machines and Auxliries.	Ansaldo Caldie Boiler (P) Ltd. (OPG Power Generation (P) Ltd, Chennai ).	1 X 80 MW	Completed
2	Nellore A.P.	Erection, Testing & Commissioning of Complete Rotating Machines, including (FD,PA,ID FANS COAL).	DSTPP- Nellore, Andhra-Pradesh.	1 x 800 MW	Completed
3	Korba –West	Erection, Testing, Commissioning of Complete Rotating Machines Including, FD FAN,IDFAN,PA FAN Coal.	CSPGL,Korba- West C.G.	2 X 250 MW	Completed
4	Korba -Patadi, C.G.	Erection, Testing, Commissioning of Complete Rotating Machines Including.	LANCO, Amarkantak.	2 x 650 MW	Completed
5	Madwa, (C.G.)	Erection, Testing, Commissioning of OFF Sites Pumps.	BGR Power Energy	2 X 500 MW	Completed
6	Krishnapatnam, A.P	Erection, Testing, Commissioning of OFF Sites Pumps & LP Pipings.	BGR Power Energy	2 X 600 MW	Completed
7	Amaravati, M.H.	Erection of Insulation & Clading of Boiler ESP & Pipings.	India Bulls	2 X 270 MW	Completed
8	Korba C.G.	Erection of Mill & Fans.	Balco – Vedanta 540 MW Completed	4 x 300 MW	Completed
9	SIPAT	Erection Testing & Commissioning, of Trial Operation & PG Test, Ash Handling System.	NTPC-SIPAT, Bilaspur C.G.	3 x 660 MW	Completed
10	Madwa	Erection, Testing, Commissioning of Complete Rotating Machines Including FD FAN,ID FAN, PA FAN .	C.S.E.B Madwa, C.G	2 x 500 MW	Completed
11	Talcher, Orissa	Erection & commissioning services of NTPC, TTPS U#2 (R&M FOR BOILER 1X62.5 MW Talcher TPS).	NTPC/TTPS, Talchar, (Orissa) C/o. Mitsui Babcock Energy (India) Pvt. Ltd.	1 x 62.5 MW	Completed

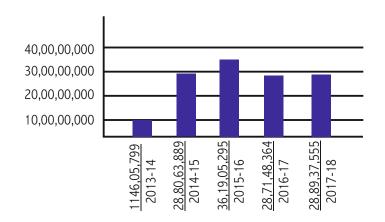
S.No.	Location	Scope of Works	Associated With	Project Specs	Status
13	Talcher, Orissa	Erection, Testing and commissioning supply & application of final painting of rotating equipment including crection of ID system ducting and structure of Unit#3&4 of 4x500mw Talcher, Kaniha Orissa.	NTPC/TSTPP, KANIHA	4 x 500 MW	Completed
14	Bhusawal	Erection, Testing & Commissioning Trial Operation & PG test, Ash Handling System at (2x500MW).	Techpro Ashtech Ltd., Bhusawal (Maharastra)	2 x 500 MW	Completed
15	Mundra	Erection testing commissioning of Mills & Fans & Air-Pre-Heater U#1 & U#3 (5X800 MW).	DPIL-Mundra	5 x 800 MW	Completed
16	Korba	Erection, Testing & Commissioning of Mills & Fans & Air-Pre-Heater (2X300 MW).	Lanco Amarkantak Power Pvt. Ltd., Pathadi, Korba	2 x 300 MW	Completed
17	Hissar	Erection testing commissioning of Mills & Fans U#1&2 (2 X 600 MW).	Hissar Thermal Power Projects,	2 x 600 MW	Completed
18	Raghunathpur	Erection testing commissioning of Rotating Equipments of Fans, Mill & Coal Feeder (2 X 600 MW) of U#1 & 2	Raghunathpur Thermal Power Plant	2 x 600 MW	Completed
19	Jharsuguda	Erection of Rotary Equipment, Coal Pipes (including Valves, Elbow, Expansion Joints, Supports) & Ducts of Unit No.1 of Sepco (2 X 600 MW).	SEPCO Thermal Power Plant C/o. Tata Projects Ltd.,Jharsuguda, Orissa	2 x 600 MW	Completed
20	Bilaspur	Erection commissioning of Mills & Fans (2X500 MW).	NTPC/Sipat, Bilaspur	2 x 500 MW	Completed
21	Korba	Erection testing commissioning of Mills & Fans & Air- Pre-Heater (1 X 500 MW).	NTPC, Korba		Completed
22	Korba	Erection commissioning of Mills & Fans (2X250 MW), Unit#1 & 2 at CSEB, Korba (East).	CSEB, KORBA (EAST)	2 x 250 MW	Completed
23	Talcher, Orissa	NTPC Talcher STPP Stage-I, U#2 500MW Overhaul of Boiler Pr. Parts & all connected works.	BHEL, Secunderabad (AP)	2 x 500 MW	Completed
24	Balco, Korba	Erection, Testing & Commissioning Trial Operation & PG Test, Ash Handling System at (4x300MW).	Techpro Ashtech Ltd., Balco, Korba (CG)	4 X 300 MW	Completed
25	Chennai	Erection, Testing and Commissioning &final painting of 2x30mw (frame-06) Uni#3&4 Gas Turbine, Generators auxiliaries & field piping at Basin Bridge Gas Turbine Power Project, Tamilnadu.	BHEL Basin Bridge, Tamilnadu	2 X 30 MW	Completed
26	Chakabura, Korba	Erection testing commissioning of Fans (2X135 MW) U#1&2.	Aryan Coal Benefication	2 X 135 MW	Completed
27	Aligarh	Erection, Testing & Commissioning Trial Operation & PG Test, Ash Handling System at (4x300MW).	Harduaganj Thermal Power Station	2 x 250 MW	Completed
28	Angul , Odisha	Erection, Testing & Commissioning of ESP.	Jindal India Thermal Power Ltd.	2 x 600 MW	Completed

## **TURNOVER LAST 5 FINANCIAL YEARS**

### PRECISION ENGINEERNING



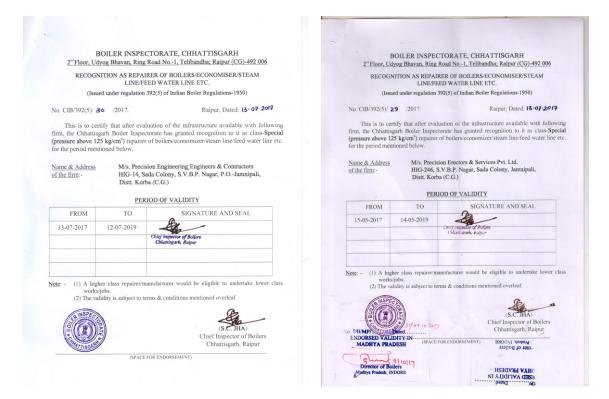
### PRECISION ERECTORS AND SERVICES PVT. LTD.

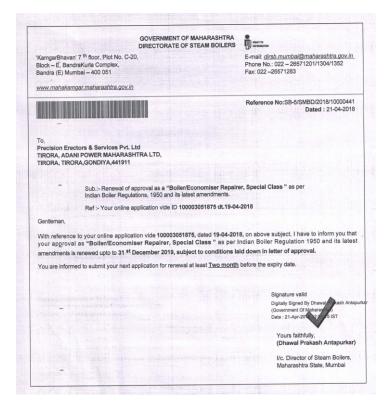


### ISO and OHSAS Certificates













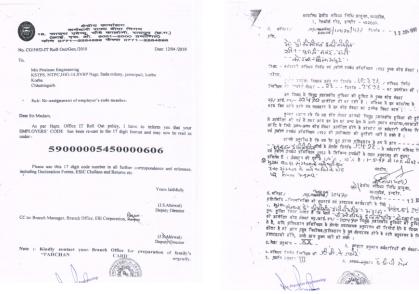




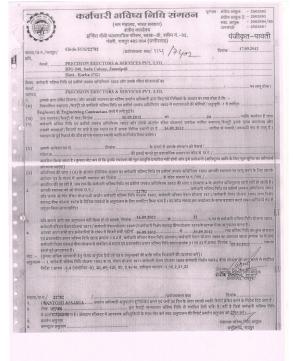














### Partnership Deed



छत्तीसगढ CHHATTISGARH

Charatta

C 880416

#### DEED OF PARTNERSHIP

THIS DEED OF PARTNERSHIP is made at Korba on this the 1<sup>st</sup> day of April 2019 BY AND BETWEEN the following described persons:-

- Mr. Jacob Idicula, s/o Mr.Idicula Mathai aged about 69 years, resident of HIG-246, SBVP Nagar, Jamnipali, Dist. Korba of ONE PART;
- Mrs. Leelamma Jacob, w/o Mr. Jaob Idicula aged about 65 years, resident of HIG-246, SBVP Nagar, Jamnipali, Dist. Korba of SECOND PART;
- Mr. Siby Jacob, s/o Mr. Jaob Idicula aged about 36 years, resident of LIG-67, SBVP Nagar, Jannipali, Dist. Korba of THIRD PART; and
- Mr. Saji Mathew, s/o Mr. Mathew agcd about 52 years, resident of HIG-10, SBVP Nagar, Jamnipali, Dist. Korba of FOURTH PART.

- All above are Indian inhabitants and hereinafter for the sake of brevity respectively referred to as the FIRST PARTY, SECOND PARTY, THIRD PARTY and FOURTH PARTY(which expression shall, unless repugnant to the context or inconsistent with the meaning thereof, mean and include their respective heirs, executors and assigns).

WHEREAS the First Party has been carrying on the business of contract work as a proprietor in the firm name and style of **M/s Precision Engineering** since long. However, he was in need of experienced and experience hands to join him as a partner to take care of the day to day working effectively and efficiently, he invited **Mrs. Leelamma Jacob**, **Mr. Siby Jacob and Mr. Saji Mathew** i.e. Second party. Third Party, and Fourth Party to join the business as partners.

AND WHEREAS the Second Party, Third Party and Fourth Party have agreed to join the aforesaid firm as partners and the proprietorship firm is converted into partnership firm "M/s Precision Engineering" with effect from 1<sup>st</sup> April 2019,





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

#### Registration Certificate

#### Registration Number : 22AAXFP2694J1ZL

1.	Legal Name		PRECISION	ENGINEERIN	IG	
2.	Trade Name, if any		PRECISION	ENGINEERIN	IG	
3.	Constitution of Busines	s	Partnership			
4.	Address of Principal Place ofBus			LONY, SVBP NAC	AR, JAMNIPALI, Korb	a,Chhattisgarh, 495
5.	Date of Liability					
6.	Period of Validity		From	25/04/2019	То	NA
7.	Type of Registration		Regular			
8.	Particulars of Approving	g Authority	Centre			
Signa	iture					
Name	9	MUKES	H MAHESHW	/ARI		
	e Ination	MUKESI Superint		/ARI		
Desig	-		endent	IARI		



#### **Registration Certificate**

#### Registration Number : 22AAFCP5181P2Z0

1.	Legal Name		PRECISION	ERECTORS	& SERVICES PF	RIVATE LIMITED
2.	Trade Name, if any		PRECISION	ERECTORS	AND SERVICES	PRIVATE LIMIT
3.	Constitution of Busines	6	Private Limit	ed Company		
4.	Address of Principal Pla	ce ofBusir	ess 246, HIG,	SVBP NAGAR, SAI	DA COLONY, JAMNIPA	LI,Korba, Chhattisgarl
5.	Date of Liability		25/06/2017			
6.	Period of Validity		From	25/06/2017	То	NA
7.	Type of Registration		Regular		s effer si	
8.	Particulars of Approving	Authority				
Signo	ature					
		1				
Name	9					
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Name	9					

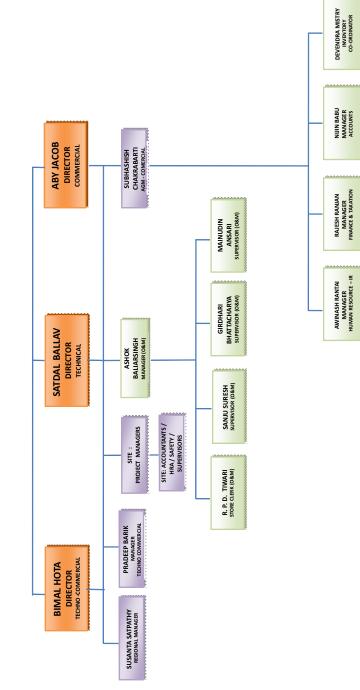
## Incorporation Certificate

NY	
X	and the
1	प्रारुप 1
X	पंजीकरण प्रमाण-पत्र
2	कॉर्पोरेट प्रहचान संख्याः U45200CT2010PTC021890 2010 2011
N.	मै एतदद्वारा संस्थापित करता हूँ कि मैसर्स
÷	PRECISION ERECTORS & SERVICES PRIVATE LIMITED
N	का पंजीकरण, कम्पनी अधिनियम 1956 (1956 का 1) के अंतर्गत आज किया जाता है और यह कम्पनी पाइवेट लिमिटेह है।
2	यह निगमन-पत्र आज दिनांक चार जून दो हजार दस को मेरे हस्ताक्षर से ग्वालियर मे जारी किया जाता
3	है।
1	Form 1
3	Certificate of Incorporation
2	
X	Corporate Identity Number : U45200CT2010PTC021890 2010 - 2011
3	I hereby certify that PRECISION ERECTORS & SERVICES PRIVATE LIMITED is this day incorporated under the Companies Act, 1956 (No. 1 of 1956) and that the company is private limited.
X	
1	Given under my hand at Gwalior this Fourth day of June Two Thousand Ten
T	forthe the
2	The of Carling And
1	कम्पने श्विरदार /Registrar of Companies
3	मध्य प्रदेश एवं छत्तीसगढ Madhya Pradesh and Chattisgarh
1	Big and H (SK AGAPMAN)
	मानी रजिस्टार के किल्ला के अधिलेख उत्पति प्राधार का पता
A PI	RECISION ERECTOR CONTROL OF THE LIMITED GOVERNMENT OF INDIA G-14 S.V.B.P. NAGAR, SADA COLONY, JAMNIPALI
	DRBA + 495450, nhattisgarh, INDIA
T	

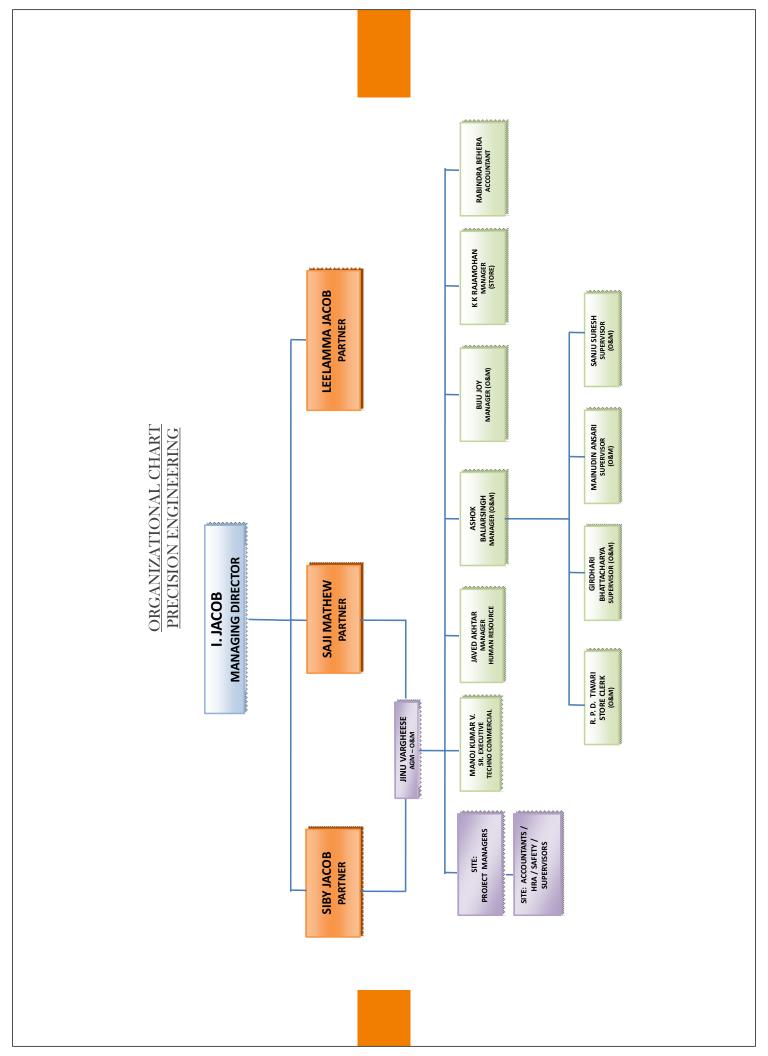
आयकर विभाग NCOME TAX DEPARTMENT	भारत सरकार GOVT. OF INDIA
स्थायी लेखा संख्या कार्ड Permanent Account Number	
AAXFP2694J	
RECISION ENGINEERING	
रंगमन /गठन की तारीख ate of incorporation/Formation	21042019

आयकर विभाग INCOME TAX DEPARTMENT	भारत सरकार GOVT. OF INDIA
PRECISION ERECTORS & SEP PRIVATE LIMITED	IVICES
04/06/2010	Country.
Permanent Account Number	
AAFCP5181P	24062010



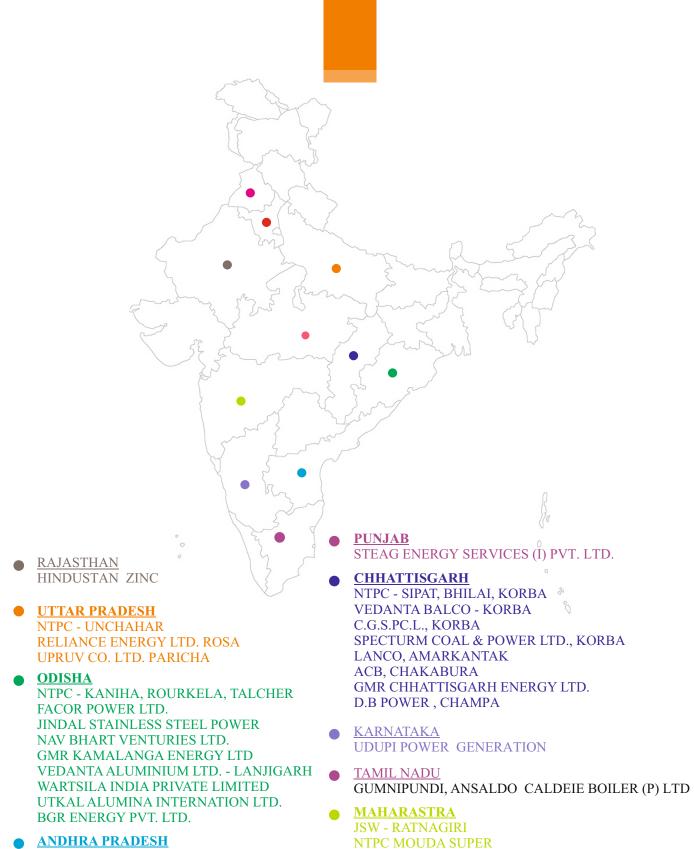


I. JACOB MANAGING DIRECTOR



## Our Valuable Clients





NTPC - SHIMADRI NTPC - VISAKAPATNAM NELLORE - DSTPP

HARYANA ARAVALI POWER COMPANY PRIVATE LIMITED JHAJJAR – ARAVALI POWER CO. HISSAR THERMAL POWER <u>MADHYA PRADESH</u> MB POWER ESSAR POWER MP LTD.

THERMAL POWER PROJECT

APML, TIRODA, GONDIA