





**Turnkey Project Execution (EPC)**

**&**

**Maintenance Management**

**Consultant**



## WHO WE ARE

The Team of professionals giving expert services in the Field of Project Engineering, Project Review, Design Engineering, Troubleshooting, Project Execution & Commissioning for, cement, Steel, Power chemical, fertilizer, oil and gas, water and waste treatment.

Technical Feasibility, Retrofitting & Modification Studies along with Process Optimization & Evaluation.

Provide Tender Preparation & Complete Project Supervision Services for the New Project.

Our motto is accretion of more Customer , Good values, Lessons Learnt, Quality & Safety and our Recognition and Growth through Customer Satisfaction, Employee Motivation and Innovative Approach.

i-Firm's success and fast growth is attributed to its extensive knowledge of the domain, innovative technology solutions and commitment to perform for complete customer satisfaction.

# Our Services

## ❖ Plant Operations & Troubleshooting (Kiln)

- Plant Operation
- Performance Audits
- Troubleshooting of Major Equipment (Kiln)
- Modifications

## ❖ Pre Project Activities

- Project Conceptualization
- Project Pre-Feasibility Studies
- Techno Economic Feasibility Study

## Project Management & Engineering Services

- Basic, Detail Engineering & Review
- Tendering and Contracting
- Project Procurement Services
- Due Diligence Study of Plants and Project
- Project Management Services
- Project Implementation
- Site Supervision Services

## ❖ Manufacturing & Heavy Fabrication

- Complete Cement Plant Machinery
- Complete Sugar Plant Machinery
- Complete Sponge Iron Plant Machinery

## ❖ Support Services

- Geological Evaluation,
- Mining & Quarrying Operations:
- Mineral Resource and Ore Reserve

Evaluations:



ASHOKA is an Indian company established in 1960's as a small machine shop with concentration in manufacturing of open gearing and machining job work. It has ever since grown into a multi-functional group of companies expanding its manufacturing

S.No.	Equipment	Type	Application
1.	Grinding Mills	Ball mills	Cement & Raw grinding
2.	Kilns	Vertical shaft & rotary kilns	Clinker production
3.	High Efficiency Separators	Dynamic	Separation of fines from coarse particles
4.	Crushers	Hammer impact	Limestone crushing
5.	Mill Components	Liners, headers, diaphragms	Mill application
6.	Mill Bearings	White metal trunnion	Mill rotation
7.	Feeders	Reciprocating, weighing	Measuring & feeding
8.	Elevators	Bucket belt	To elevate material
9.	Conveyors	Screw & Belt Carrying	Material Conveying & Feeding
10.	Air Slides & Air Lifts	Air blowing, pneumatic	Material conveying & feeding
11.	Hoppers	MS fabricated	Storage & feeding
12.	Equipment Spares	Miscellaneous	Miscellaneous

## Sugar Plant Machinery

S.No.	Equipment	Type	Application
1	Crushing mill tandems	Multiple roller type	Cane crushing
2	Boiling pans	Conventional & calendria	Open pan boiling
3	Crystallizers	Continuous & batch type	Crystal formation
4	Centrifugal machines	Continuous & batch type	
5	Cane loading & cutting equip.	Feeders, levelers, carriers, knife cutters, shredders etc.	Cane cutting & handling
6	Bagasse handling equipment	Conveyors & elevators	Material conveying
7	Mud Filtration equipment	Rotary & plate press filters	Filtering of impurities
8	Clarification equipment	Clarifiers, sulphitators, sulphur furnaces	Juice clarification
9	Dryers & graders	Hooper dryers, vibrating graders	Drying & grade separation
10	Process storage tanks	MS Fabricated	Material processing & storing
11	Equipment spares	Miscellaneous	Miscellaneous

# Our Manufacturing Partners

## Plant Spares Machinery

S.No.	Equipment	Type	Sizes
1	Single Piece Gears	Spur, Helical, Worm	Upto 8m f x 60 Module
2	2/4 Segment Girth Gears	Spur, Helical, Worm	Upto 8m f x 60 Module
3	Bevel Gears	Straight bevel	Upto 2m f x 25 Module
4	Worm Gear Reducers		Upto 500 HP
5	Helical Gear Reducers	Single & double helical	Upto 5000 HP
6	Chain Sprockets	Simplex, Duplex, Triplex	Upto 6" pitch
7	Twin Lobe Blowers:	Air & water cooled	
8	Machining Job Work	Raw & machined castings, forging, fabrication	Upto 100 MT single piece
9	Equipment Fabrication	Custom made as per supplied designs	Upto 100 MT single piece / assembly





## Our Expertise-Project Management

Our team of experienced project leaders can support to control and ensure successful delivery of your project.

Our experts will work with you to manage projects and programs ranging from turnkey, complex capital developments to specific smaller scale project services such as the development of a project procurement and contracting strategy.

In delivering a project management service, our expert utilize their experience as professional project practitioners using a suitable project management tools to suit the nature of the particular project challenges.

Whilst project management activity spans the full project life cycle, we also provide standalone services to suit your specific project needs. We believe that tailor made project management services are essential in ensuring that a project is delivered to plan every time.





## Our Expertise- Design and Engineering

- i-Firm engineering design of a cement plant is the key to the success of an investment project. In this case, everything matters, from the correct choice of a construction site to the development of a technological scheme and equipment. A high-quality design is critical for smooth, cost-effective production.
- ✓ The correct layout of a cement plant must provide an optimal balance between all production processes.
- ✓ We guarantee the efficiency, flexibility, competitiveness and sustainability of the enterprise.
- ✓ We can develop a customized project for you or offer standard solutions that have proven themselves in the global cement industry.
- ✓ We also work Detail Engineering (Fabrication & Manufacturing drawings) of Different Equipment using Latest 3D Software's like Autodesk Inventor



# Our Expertise-Rotary Equipment Troubleshooting

□ We design and maintain our equipment, we have a team of experts who work in coronation with our Project management and Engineering Team. We have a good presence in Eastern part of India.

Our company has serviced rotary kilns, calciners, coolers, and dryers for customers throughout India. The company's core competencies are installing, repairing, and maintaining rotary equipment.

- ✓ Utilizing tried and tested methods to meet industry best standards and practices
- ✓ We address the root cause of problems, not just the symptoms
- ✓ Our core competencies are inspecting, repairing, replacing, and evaluating rotary kilns, calciners, coolers, and dryers
- ✓ We offer free evaluation

# ORGANISATION CHART

## OUR ADVISOR AND EXTERNAL SUPPORT



**CHANDER SHEKHAR SINGH**

**(+35 Years of Experience Project Management, Site Execution, Operation and Maintenance)**  
**(CEO & COFOUNDER)**



**H R DANDI**

**(+35 Years of Experience Geogilist in Mining Industry)**  
**(GEOLOGICAL MAPPING, RESERVE ESTIMATION EXPERT)**



**ASHOK SHARMA**

**(+35 Years of Experience Project Commissioning, Production , Operation and Maintenance)**  
**(COO & CO-FOUNDER)**

**CHETAN SHARMA**  
**(+17 Years of Experience as Mechanical Engineer in Cement Industry)**  
**(DESIGN ENGINEERING & PROJECT MANAGEMENT EXPERT)**

**JAYARAJAN .O**  
**(+25 Years of Projects / Operations / Maintenance Management, Business Development, Erection & Commissioning, (OPERATION & MAINENANCE EXPERT)**

**VELPULA RAMCHANDRA RAO**  
**(+27 Years of Experience as Electrical Engineer in Cement Industry)**  
**ELECTRICAL & INSTRUMENTATION EXPERT)**

**JYOTHISH. O**  
**(+32 Years of Experience as Mechanical Draughtsman in Cement Industry)**  
**(DESIGNING & DRAFTING EXPERT)**



## Our Core Area

Serves customers in core sectors

- ❖ Cement
- ❖ Steel
- ❖ Sponge Iron
- ❖ Power
- ❖ Sugar
- ❖ Fertilizers Petrochemicals
- ❖ Oil & Gas
- ❖ Refineries
- ❖ Water Treatment

# Our Clients



Despro Technologies Pvt. Ltd.



**ASHOKA GROUP**  
An ISO 9001 - 9002 Concern

Cement Industry	Steel Industry
Grasim Industries Limited	Steel Authority of India Bhilai
Cement Corporation of India	Bokaro Steel Plant
Jaypee Rewa Cement	Vishakhapatnam Steel Plant
A.C.C Cements	Lloyds Steel Limited
Tamil Nadu Cement Corporation	Tata Iron & Steel Company
Jammu Kashmir Cement Limited	Sponge Iron India Limited
Saurabh Cement, Kotputli	Mukand Limited
Satyam Cement	Jindal Steels Limited
RKB Cement, Assam	Rathi Ispat Limited
	HEG Limited
	MS Limited
	Beekay Engineering Corporation
	Simplex Engineering
	Jaiswal Nicco Limited

Sugar Industry	Power & Fertilizer Industry
Bajaj Hindustan Sugar Mills	National Thermal Power Corporation
Upper Ganges Sugar Mill Limited	Panki Thermal Power Station
Oudh Sugar Mills	GNDP, Bhatinda
Durala Sugar Limited	UP State Electricity Board
Mawana Sugar Limited	Panipat Thermal Power Station
Rajgarh Sugar Mills	National Fertilizer Limited
RBN Sugar Limited	Hindustan Copper Limited
Rana Sugar Company Limited	Hindustan Zinc Limited
Kisan Sahakari Chini Udyog	J&K Minerals
UP State Sugar Corporation Limited	Saurashtra Calcine Limited
SN Sugar Limited	Saurashtra Chemicals Limited
Triveni Engineering & Industries Limited	DCM Chemicals Limited
Godavari Sugar Limited	



Heavy Equipment Industry	Rubber Industry
<p>Loesche Limited</p> <p>Larsen &amp; Tubro Limited</p> <p>Escorts Class Limited</p> <p>McNally Bharat Limited</p> <p>Elecon Limited</p>	<p>Modi Rubber Limited</p> <p>Vikrant Tyre Limited</p> <p>JK Industries Limited</p> <p>Goodyear India Limited</p> <p>Nepal Org. Rubber</p>
Paper & Pulp Industry	Mining Industry
<p>KP Mills</p> <p>Indian Paper Machinery Limited BILT</p> <p>Orient Paper Mills Coastal Paper Limited</p>	<p>CCL</p> <p>Metso Minerals</p> <p>NALCO</p>
Leather Tanneries	Chemicals & Minerals Industry
<p>Bawa Skin Limited</p> <p>Mascot Leather Mirza Tanneries</p>	<p>National Fertilizer Limited</p> <p>Hindustan Copper Limited</p> <p>Hindustan Zinc Limited</p> <p>Saurashtra Chemicals Limited</p>

# I-FIRM – ON MOVE





# Thank You

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