

# OTISAS



**“We offers Quality Services in  
Shorter Delivery Lead Time”**





# OTISAS

OTISAS is a multi-disciplinary company with diversified interest in Energy, Power and other Process Industries providing a wide range of Engineering consultancy, Trouble Shooting Services and Spares for Materials Handling & Ash Handling, Pneumatic Conveying and Auxiliary Systems of Thermal Power Plants and other Process Industries.

We intend to be a Single window Reliable, Punctual, suitable in Quality and Economical Shop of all types of Minor- Major and Critical Industrial Spares for various Industrial applications and Industries with assurance of proper Services for fitment, enhancement, replacement, efficient, adapt, competent working of spares in your process or systems.

To take the advantage of our vast industry expertise, we are offering unmatched quality of Material Handling Equipment and Pneumatic Conveying System. The wide array of equipment is made using high grade raw materials procured from certified vendors, which meet industry standards. Our range is acknowledged for durability, high efficiency and longer service life.

## Where Do We Fit ?

### OUR CORE SERVICES

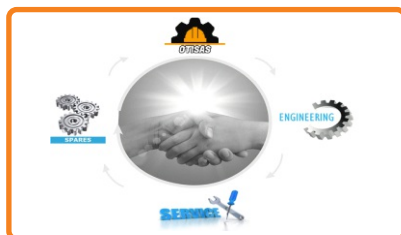
- Engineering Services for Ash Handling, Mill Reject Handling System, Coal Handling, Material Handling, Compressed Air System, Water Pumping and gravity flow systems, and other BOP and Process Systems.
- Spares supply for Major OEMS for above referred systems.
- O&M Supervision Services for above referred systems.
- Pre Commissioning & Commissioning Services for above referred systems.
- Third Party Performance Testing Services above referred systems.
- Performance Improvement Services for above referred systems.

### ADDITIONAL SERVICES :

#### OTISAS can also provide:

- Peer Reviews: review of your material handling system or process design from solids flow basis
- Education & Training: courses on theory/practice of effective bulk material handling and conveying
- Expert Witness & Litigation Support: legal services involving liability, equipment failures, etc.
- Bulk Material Testers: equipment to measure powder flow properties and segregation potential
- Equipment: customized material handling equipment that works from the start and has a long life

**Otime Industrial Spares & Service (OTISAS) provide services not only from concept to commissioning but also whole life circle of the project/product.**



**Our spare parts, wear parts and services help our customers achieve lower total cost of ownership and improved operational efficiency.**

### EXPERTISE IN:

- Fly Ash Handling System
- Bottom Ash Handling System
- Ash Slurry Disposal System
- Pneumatic Conveying System
- Long Distance Pneumatic Conveying System
- Lime Conveying System
- Coal Mill Reject Handling System



### ENGINEERING SERVICES....

After commissioning OTISAS provide expert engineering consultancy services in order to improve operational performance, reduce cost, increase production capacity or deal with improvement related to environmental issues. OTISAS Group provides the following consulting services:

- Performance process improvement
- Pre-feasibility & feasibility studies.
- Technology evaluations.
- In process troubleshooting
- Asset potential and operational bench marking
- Monitoring and reporting systems
- Maintenance strategies and Energy efficiency

Often, existing customers who purchased systems many years ago come to us with the need to upgrade control systems. We can adapt our latest equipment to your needs.



## O&M SUPERVISION....

O & M Supervision is a model, where we depute our personnel in key managerial positions to manage the operations and maintenance. While Clients recruit and provide desired manning for all other positions, the management vests with our team and the team delivers the required parameters.

Despite the fact that the services are not akin to a complete O & M, our personnel deputed manage the affairs with same level of involvement and commitment. They also develop and train Client's personnel over a period of time to hand over the entire O & M to the Client.

## PRE-COMMISSIONING...

Prior to taking over a plant from the EPC Contractor, we offer a solution which covers entire gamut of elements to enable smooth takeover for operations and maintenance.

**Our service coverage includes:**

- Punch listing to cure defects under construction;
- Audit of recommended spares procured and listing of requirement of spares for operations;
- Assessment and review of drawings and documentation, including commissioning test reports;
- Review and amendment of O & M Manuals;
- Preparation of technical diary;
- Development of MIS systems;
- Review of maintenance schedules, if available and amend the same to meet
- The desired availability and performance.

## COMMISSIONING SERVICES....

- Our specialists in commissioning services and management can help you to keep control of the assembly of your equipment and ensure that any geotechnical risks are managed effectively.
- Our unparalleled network of experts works as a team to provide the most comprehensive solution to the challenges of your project, building valuable skills to support the project once you commence operations.

## PERFORMANCE TESTING...

As an independent agency, we supervise conductance of Performance Tests of equipment / plant. The Performance Test procedures are drawn up as per ASME Performance Test Codes (PTC).

We develop the Performance Test Protocols to be adopted during the testing. The test results, as designed under the protocols, are interpreted for the performance and mapped against the desired performance parameters to draw conclusions.

This service is offered to establish guarantee parameters as offered by EPC Contractors or as an independent third party audit on performance parameters during operation period.





## OUR PRODUCT RANGE :

Complete Range Of Ash Handling System's Spares With One To One Fitment and Interchangeability with existing OEM's equipments. i.e. Macawber, Indure, UCCI, DCIPS, Macnally Bharat, Macgale, OSM, Melco.

- Complete Range of Pneumatic Products i.e. Pneumatic Cylinders, Solenoids, Pneumatic Fittings, Tubes and Actuators.
- Pollution Control Equipments and their Spares i.e. Vent Filters, Bags & Cages, Centrifugal Fans.
- Rubber Products, Seals & Gaskets.
- Pipe Fittings, Expansion Bellows
- Complete Range of Industrial Valves.



Knife Gate Valve(Metal Seated)



- Surge Hopper
- Expansion Bellows
- Knife Gate Valve
- Dome Valve
- Ash Vessel
- Pneumatic Panel
- Flow Pad
- Blow Pad
- NRV
- AFR
- Level Probe
- Orifice
- Boosting Assembly



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