

Bringing
Agility to
Engineering!



BTL EPC LIMITED

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Howrah, West Bengal, 711409

Social media presence

BTL EPC Ltd.

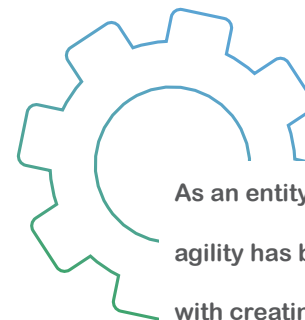


SHRACHI AGRIMECH



For More Details





As an entity that believes in moving and evolving with the times, relentless agility has been at the forefront of our company philosophy. We began with creating engineering products & solutions for the industry and are striding ahead each day by adapting with the unique infrastructural and engineering needs of today and delivering on them, while staying true to our core values of integrity, quality and vigour. As one of the most trusted names nationally, today we stand tall as a testament to true expertise & excellence. With our agile engineering we look forward to bringing consistently high quality and relevant solutions to our clients.

Agile Engineering at Work!

Envisioning a Progressive Tomorrow

Our vision is to be a leading engineering company that can play a leading role in helping create lasting infrastructural progress and thereby enhance shareholder value.

On a Mission for Better Infrastructure

Our mission involves our commitment to relentless efficiency, excellence and agility in our engineering that will empower us to help build better infrastructure and thereby create a positive difference in the lives of many.





Y E A R S
Since 1965

Horsepower
comes from within..



With the agility and work ethic of a thoroughbred racehorse, we at Shrachi BTL EPC Ltd. have been committed to the fluid expansion of India's infrastructure for the last 50 years. In this time, we have honed our expertise and worked on key projects, accumulating experience of providing instinctive, precise and winning turnkey solutions in an unmatched track record of maxing a nation's infrastructural ambitions.



USPs that inspire trust

In-house design

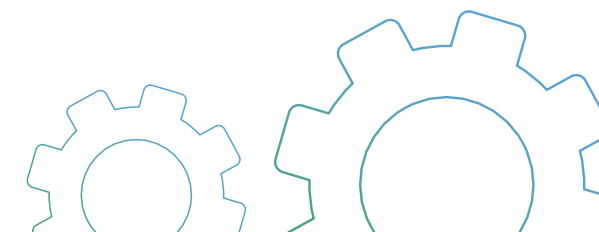


State of the
art manufacturing facility

Delivery on schedule



Marvelous after sales service



11 THINGS THAT MAKE BTL EPC AN ENGINEERING POWERHOUSE



BTL EPC LTD.

Is the fastest growing diversified EPC contracting company in the country, offering one-stop solutions – from concept to commissioning – in Bulk Material Handling in Metal / Coal / Mineral Beneficiation Plants, Chemical & Fertilizer Plants, Shop Fabricated Equipment, Power Transmission, Solar Sector, etc. We provide turnkey solutions to core industries like Defence, Coal, Power, Mining, Steel, and Cement. With best in class products / services we are all set to enter the global market.



Integrated Offering

We offer holistic one-stop solutions to clients, with integrated capabilities right from project conceptualisation to designing, manufacturing, engineering, commissioning and maintenance.



Deep Engineering Expertise

We manufacture products for steel and metal plants, defence sector, coal, oil & petrochemical and refinery plants, material handling, thermal power, etc. We also possess capabilities to undertake material handling, coal and chemical, water management, power transmission and solar EPC projects.



Impeccable Offers

The expertise of our team in strategic bidding ensures sustained business generation with relatively high margins. Our bidding discipline is manifested in our strong and sustained growth with limited balance sheet risk.



Awards & Recognitions

Our sharp focus on project execution has won us recognition for quality and timely delivery from several clients, most of whom are leading companies.



Extensive Footprint

We have successfully executed 22 pan-India projects. Currently, we are executing projects across 18 states of India through our four manufacturing units in Kolkata and Durgapur. Our Agro division has 7 assembly units and are selling products across 22 states.



Strategically Located

Our plants are strategically located in proximity to vendors and industrial belts with multi-modal transport connectivity.



Reputed Clientele

We have executed projects and delivered products to more than 50 companies that include several public sector, Navratna and top-tier private companies.



Information Technology Infrastructure

Our robust IT infrastructure facilitates seamless connectivity across our business locations. We use reputed ERPs and softwares like Oracle, Navision, Salesforce etc.



Manufacturing Excellence & Wide Range of Capabilities

We have the most modern facilities equipped with state of the art infrastructure including CNC machines. We produce many complex industrial products. Manufacturing excellence enables us to achieve timely delivery with strict compliance to quality and standards. Our manufacturing facilities are spread over an area of 4,00,000 sq. feet.



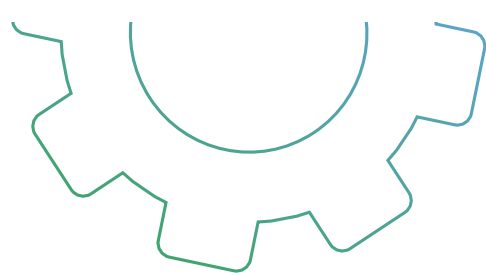
Competent Human Assets

Our people include 150 experienced engineers, who have competencies in manufacturing, fabrication, design utility, field construction, mechanical, civil, structural, electrical and chemical engineering, and operations and maintenance. We nurture our talent base through high-quality trainings and re-trainings.



Technical Collaboration with Global Leaders

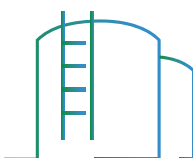
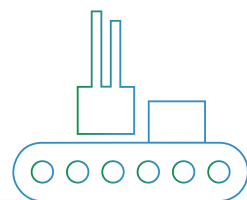
We have long-standing and scalable relations with 8 globally leading EPC companies. These have enabled us to win and execute several complex projects. Our Agro division also has collaborations with 6 global companies.



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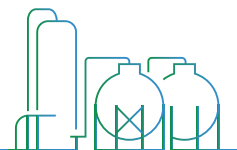
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BULK MATERIAL HANDLING SYSTEMS



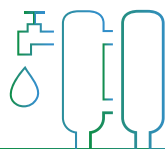
COAL CHEMICAL DIVISION

STRATEGIC BUSINESS DIVISION



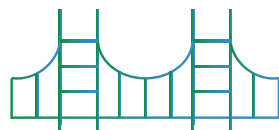
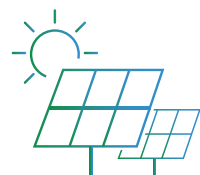
UNDERGROUND MINING CONVEYOR

POWER TRANSMISSION



WATER TREATMENT

ROOFTOP AND GROUND MOUNTED SOLAR PLANTS



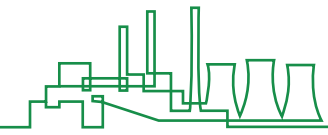
DEFENCE SECTOR

MANUFACTURING DIVISION



OPERATION & MAINTENANCE

LEADING AHEAD WITH DIVERSIFIED AND EXTENSIVE CAPABILITIES



Engineering division

Project management



BULK MATERIAL HANDLING DIVISION

- Coal handling plant • Raw material handling plant • Ferro-alloy storage and charging system • Troughed / trunk / gate / surface / steel cord / pony belt / bucket elevator / high angle / pipe conveyor system • Stock house bins • SILO
- Crushing and screening plant • Limestone and Gypsum handling system • Automatic baggage handling and Wagon loading system
- Overground bunkers • Complete Ash handling system including bottom ash, fly ash with HCSD system in turnkey mode.



BULK MATERIAL HANDLING PRODUCTS

- Shuttle conveyor • Bucket elevator • Chute
- Mechanical vibrating and reciprocating feeder
- Travelling tripper • Wagon loader • Telescopic chute, rack and pinion / flap gate • Skip hoist
- Idlers • Pulleys • Bag diverter • Plough diverter



STRATEGIC BUSINESS DIVISION

- Utilities and balance of steel plant • Ore beneficiation and palletisation • Coal washeries
- Industrial furnaces • Electrostatic precipitators
- ESR furnace



COAL AND CHEMICAL DIVISION

- Coke oven by-product / Ammonium sulphate / Sulphuric acid / Benzol plant • Sinter machine and BOF gas holder • Coal charging car of coke oven battery • BOF e-dusting system • Roll grind shop • Final gas cooling cum naphthalene scrubbing



COAL AND CHEMICAL PRODUCTS

- Shell and tube heat exchangers • Primary gas cooler • Pressure vessels • Process / Distillation columns • Continuous digesters • Blending vessels • Decanter and associated accessories
- Agitator / Condensate tank • Water-cooled jacket • Boiler components • BA hopper and filter separator • Blowing boxes • Platform structure for continuous casting plant • Recuperator
- Chimney • Tar pre-separator • Claus catalytic crystallizer • Absorber and pre-absorber • Silo for fly/bed ash • Nuva feeder vessel • Exhauster



DEFENCE SECTOR

- Mat ground surface • Mechanical mine layer
- Cribs bridging system • Craftsmen shelter
- Water purification unit • Sophisticated spares for critical equipment • Workshop light
- Bailey bridge • CL3 aluminium bridge



SOLAR ENERGY DIVISION

Solar Power Projects of various capacities



WATER MANAGEMENT DIVISION

- Water intake, transportation, treatment, distribution and network management • Desalination • Sewerage collection network, treatment and recycling • Industrial effluent treatment • Sludge management



OPERATION & MAINTENANCE

- Coal handling plant • Coke handling plant
- Raw material handling plant • Ash handling system • BOP systems • Water system • FGD system • Limestone & Gypsum handling system
- High voltage switchyard and substations
- Power transmission lines



THERMAL POWER AGGREGATES

- HP/LP heaters • Distillation column • Supporting system (economiser, condenser and de-aerators)
- Coal / fly ash handling system



POWER TRANSMISSION DIVISION

Transmission Towers



MANUFACTURING INFRASTRUCTURE

- Preparatory Workshop • Welding Facilities
- Semi-Automatic Welding Method • CNC Profile Cutting M/C • Manufacturing Process • Major Machine Details • Handling Materials • Packing
- Transportation



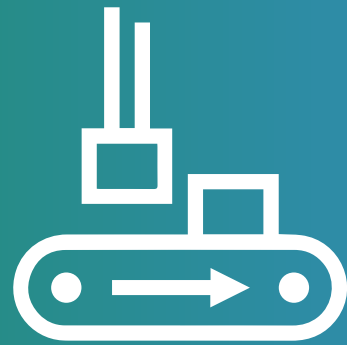
STEEL AND METAL PLANT

- Electric arc and ladle refining furnace
- Auxiliary furnace parts • Vacuum degassing
- Billet / bloom caster • Gas cooling and condensation system • Decantation system

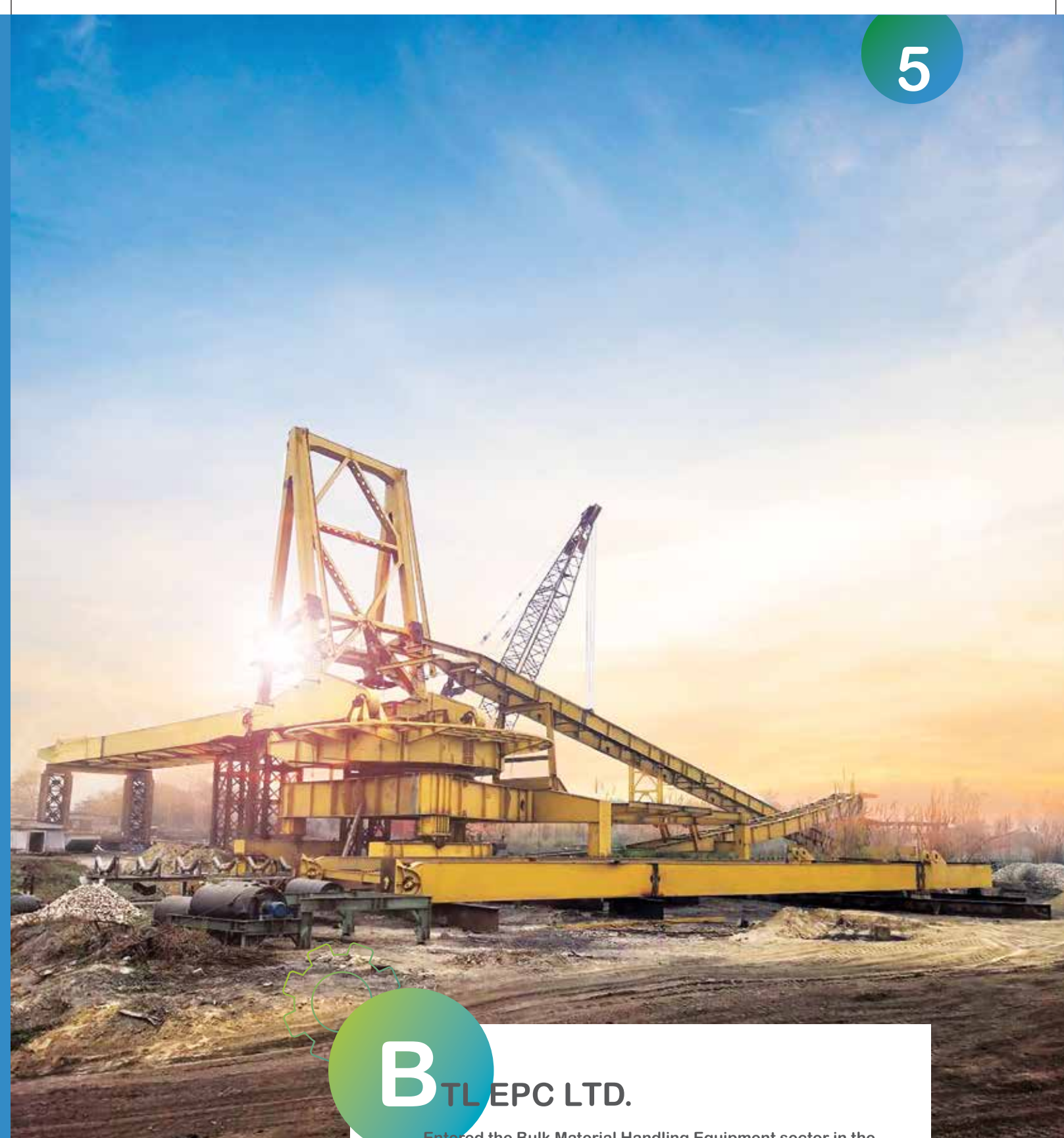


AGRO DIVISION

- Power tiller / weeder / reaper • Garden tools
- Tractor implements • Bio toilets



AGILITY THAT EXCELS
Bulk Material Handling Division



B TLEPC LTD.

Entered the Bulk Material Handling Equipment sector in the 1980s. Today, with more than 30 years of experience in this field, we now work for some of the most prestigious clients in the country. Our scope of work entails the design, manufacture, supply, erection and commissioning of Bulk Material Handling projects on a turnkey basis.

Our operational sectors see us offer equipment and components for industrial systems in sectors like Steel, Power, Oil and gas, Cement, Mining, Coal and minerals, etc.

BULK MATERIAL HANDLING EQUIPMENT

The following products feature prominently in our catalogue of offerings and are used to provide turnkey solutions to various companies in myriad sectors.



PIPE CONVEYOR



CONVEYOR IDLERS



GEAR BOX



RACK & PINION GATE



INTERNAL SCRAPER



SHUTTLE CONVEYOR



SCREW CONVEYOR



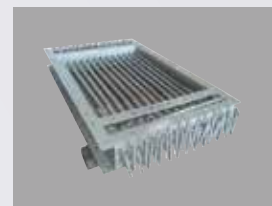
BELT CONVEYOR



FLAP GATE



CHAIN CONVEYOR



ROD GATE



BELT CONVEYOR



SKIP HOIST



PADDLE FEEDER



BUCKET ELEVATOR



TRAVELLING TRIPPER



TRUCK & WAGON LOADER



TELESCOPIC CHUTE

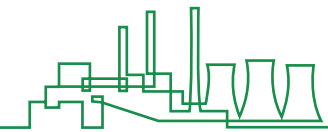


PULLEYS



MECHANICAL VIBRATING & RECIPROCATING FEEDER

A MUSCULAR PORTFOLIO: PROJECTS THAT SPEAK OF AMBITION

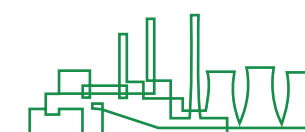


ONGOING PROJECTS

COAL HANDLING PLANT AT PROJECT MAITREE, BANGLADESH | VALUE-228CR



A MUSCULAR PORTFOLIO: PROJECTS THAT SPEAK OF AMBITION



ONGOING PROJECTS



COAL HANDLING PLANT AT BHEL, BARAUNI



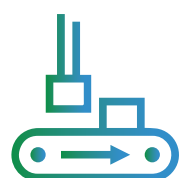
WAGON TIPPLER PACKAGE, NTPC BHEL



COAL HANDLING PLANT AT WANAKBORI

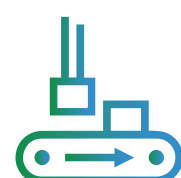


COAL HANDLING PLANT AT NORTH KARANPURA



FERTILIZER UREA BAGGING
HANDLING PACKAGE AT TALCHER

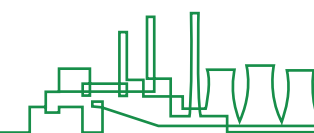
Value - 122cr



COAL HANDLING PLANT AT ENNORE
SEZ SUPERCRITICAL THERMAL
POWER PLANT AT CHENNAI

Value - 157cr

A MUSCULAR PORTFOLIO: PROJECTS THAT SPEAK OF AMBITION



ONGOING PROJECTS



UREA HANDLING PLANT AT SINDRI & BARAUNI



COAL HANDLING PLANT AT NBPPL, UNCHAHAR



Value - 309cr

COAL HANDLING PLANT AT YADADRI



Value - 378cr

ASH HANDLING PLANT AT YADADRI



Value - 150cr

NMDC, NAGARNAR PROJECT: RMHS SINTER ROUTE & COAL ROUTE



Value-268cr

COMPLETE MECHANIZED COAL HANDLING SYSTEM WITH 10000 TONS RCC OVERGROUND BUNKER WITH RAPID LOADING SYSTEM FOR NTPC - PAKRI BARWADIH MINES

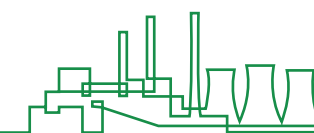


FGD PACKAGE FOR
NORTH KARANPURA



COAL HANDLING PLANT
AT SAGARDIGHI, BHEL

A MUSCULAR PORTFOLIO: PROJECTS THAT SPEAK OF AMBITION



COMPLETED PROJECTS



BELT CONVEYOR SYSTEM FOR TRANSPORTATION OF CALCINED DOLOMITE AT SAIL- DSP



SUPPLY OF CONVEYORS AT SAIL KIRIBURU



COAL STORAGE HANDLING SYSTEM, NALCO ANGUL



NEW CRUSHER BUILDING AND ASSOCIATED
CONVEYORS PLANT AT SAIL BOLANI



EPC FOR BAGGING PLANT EXPANSION AT TCL,
BABRALA

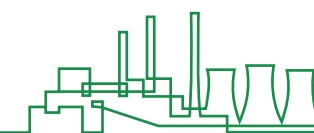


MATERIAL TRANSPORTATION SYSTEM & SLAG
GRANULATION SYSTEM OF SAIL IISCO BLAST
FURNACE



COAL HANDLING PLANT FOR CESC, HALDIA POWER
PROJECT

A MUSCULAR PORTFOLIO: PROJECTS THAT SPEAK OF AMBITION



COMPLETED PROJECTS



INTERCONNECTING PACKAGE AT
NBPL, UNCHAHAR



WAGON LOADING & PIPE CONVEYOR SYSTEM
FOR PET COKE SILOS AT MRPL MANGALORE



PRIMARY CRUSHING PLANT AT TATA STEEL,
GHATO - WEST BOKARO



COAL HANDLING SYSTEM FOR HINDUJA NPCL
AT VIZAG FOR BHEL



PET COKE HANDLING SYSTEM IOCL AT PARADIP



COMPLETE MECHANIZED BAGGING CONVEYING &
AUTOMATIC WAGON LOADING SYSTEM, KRIBHCO,
SHAHJAHANPUR



DEBOTTLENECKING OF RAW MATERIAL HANDLING
PLANT AT SAIL DURGAPUR STEEL PLANT



Coal Chemical Division manufactures critical components and provides turnkey solutions for coke oven by-product recovery, which are otherwise potentially harmful chemicals that could have an adverse environmental impact and also damage plant equipment. Our clients in India are increasingly focused on managing and meeting sustainability targets, generating value out of it and ensuring longevity of their plants. We provide solutions in handling coal tar, ammonium sulphate, benzol and other chemical plants.



COAL CHEMICAL EQUIPMENT

The following products feature prominently in our catalogue of offerings and are used to provide turnkey solutions to various sectors and industries.

COLUMNS
(SS-MS)



CONTINUOUS
DIGESTOR



DECANTER



FLY ASH SILO



FURNACE &
ITS EQUIPMENTS



DISTILLATION
PROCESS COLUMN



PRIMARY GAS
COOLER



STORAGE TANKS



SHELL &
TUBE HEAT
EXCHANGERS



STEEL ARCH
BRIDGE



ABSORBER

AGITATOR TANK

CONDENSATE TANK

FBD (FLUID BED DRYER)

PRESSURE VESSELS

RECUPERATOR

SATURATOR

STACK



A MUSCULAR PORTFOLIO: PROJECTS THAT SPEAK OF AMBITION

COMPLETED PROJECTS



REPLACEMENT OF AMMONIUM SULPHATE PLANT, SAIL - BOKARO



ELECTRIC EXHAUSTER FOR SINTER PLANT,
SAIL - BOKARO



TAR DECANTER FOR COKE OVEN BATTERY,
SAIL - DURGAPUR



PRIMARY GAS COOLER & GAS PRE-COOLER,
SAIL - ROURKELA STEEL PLANT



AMMONIUM SULPHATE RECOVERY PLANT, RINL-VIZAG



DE-NITRATION PLANT PROJECT FOR HEAVY
WATER BOARD



BENZOL ABSORPTION & DISTILLATION PLANT
AT SAIL - DURGAPUR



SAIL, DSP PRIMARY GAS COOLER



ELECTRIC EXHAUSTER FOR COKE OVEN BY-PRODUCT,
SAIL - DURGAPUR