



ASH HANDLING DIVISION



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Overview

The ash handling division at BTL EPC Ltd. focuses on providing turnkey solution for the collection, transportation, and disposal of ash generated in coal-based thermal power plants. As emission norms tighten and demand for efficient ash disposal systems grows, the division plays an increasingly important role in diversifying BTL's project portfolio, strengthening its technical credentials and expanding its market presence across private and public sector opportunities.

Strengths

BTL EPC's presence in the ash handling segment is supported by key strengths:

- Experienced engineers with a domain expertise in ash handling systems.
- Robust in-house engineering and design capabilities.
- Access to a network of reliable vendors.
- In-house manufacturing facilities that ensure cost effectiveness and quality

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



BAG FILTER



**SINGLE/DOUBLE ROLL CRUSHER
(CLINKER GRINDER)**



COLLECTOR TANK



FEED GATE ENCLOSURE



FLY ASH INTAKE VALVE



HYDROJECTOR (JET PUMP)



FLY ASH FEED VALVE



MS ADOPTER



SLEEVE COUPLING



VACUUM BREAKER



UNEQUAL TEE 8"X8"X6"



UNEQUAL TEE 10"X10"X8"



AIR RECEIVER (PLANT AREA)

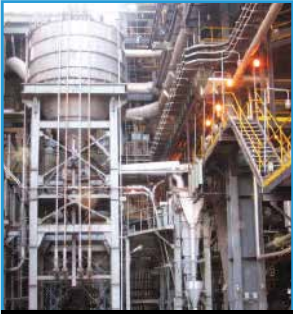


AIR LOCK VESSEL

ASH HANDLING SYSTEM PRODUCTS

- Flushing Nozzle
- Over Flow Louver
- Vent Louver
- BA Access Door
- Poke Door
- MS Adaptor For Vent Filter Of FA Silo
- 400 NB Pipe Sleeve On Top Of Silo
- Man Hole On Top Of Silo
- Pipe Sleeve For Silo Fluidization Pad 100 Nb
- Adaptor For Pr. Relife Door On FA Silo Top
- 350 NB Pipe Sleeve On Top Of Silo
- Single/Double Roll Crusher (Clinker Grinder)
- Adaptor For Level Transmitter On FA Silo Top
- Make Up Water Pipe Connection
- Refractory Cooling Arrg.
- Seal Plate Arrangement
- FAE Tower Structure
- BA Overflow Seal Box
- Coarse Ash Tank
- Mixing Box
- Air Receiver For Transport Air Compressors
- Buffer Hopper
- Air Receivers With Accessories Silo Area
- Jet Pump
- Fly Ash Intake Valve
- Air Intake Valve
- Ejector Feed Sump
- Adopter Below Manual Knife Gate Valve
- Flushing Aparatus
- Water Trough Type Expansion Joint (Eco)
- Dust Conditioner
- Telescopic Spout
- Refractory Anchors
- Inspection Door for BA Hopper
- Fluidizing Pads For ESP Hopper
- 400 Ns Pipe Clamp With Foundation Bolts
- Ash Slurry Sump Liners
- Drive & Base Frame For Clinker Grinder
- Seal Through Overflow & Drain Conn.
- Door Nozzle
- Seal Through Flushing
- Ms Adaptor (APH, Duct & SCR Hopper)
- Hanging Supports
- 400 NB Sleeve Couplings For Ash Slurry
- Disposal System
- Equal Tee 10"x 10' 'x 10"
- 250 NB X 90 Deg Elbow
- 10" Spool Piece
- Wetting Head
- BA Overflow Tank
- Adapter For Wetting Head

SOME IMAGES OF ASH HANDLING PROJECTS



Buffer Hopper Arrangement



Bottom Ash Hopper Arrangement



Vacuum Conveying System

PROJECT UNDER EXECUTION

Presently we are executing India's largest Ash Handling Plant in Yadadri Thermal Power Plant of 5 X 800MW.

- End Customer TSGENCO (Telangana State Power Generation Corporation Ltd) under: M/s BHEL
- Ash Handling Project for Adani Power, Raigarh plant - 2x800 MW



Ash handling plant at Yadadri, Telangana



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