



DALMIA CEMENT (B) LIMITED – DALMIAPURAM



PRODUCTION DEPARTMENT

Issue No. 02	Rev. No: 01	Effective Date: 22.05.2015	SOP/PROD/09
Issued By: S & P		Approved By: Head – Production	
SOP FOR Solid fuel storage & feeding			

SCOPE : Solid fuel storage & feeding

RESPONSIBILITY : CCR executive.

Accountability : Section Head – Pyro.

PPE:

1. Safety goggles,
2. Safety helmet,
3. Safety shoe,
4. Mask,
5. Cotton Gloves.
6. Safety harness(Full body)

TOOLS:

1. Poking bar,
2. Hammer.
3. Showel

Hazard:

Risks associated:

Mitigating Measures

Fall from height,

Use of safety harness

Fall of tools;

Carry the tools in tool bags

Hit of Hammer in hand;

Trained to be engaged

Procedure:

- Ear mark the bays in the Coal Storage Yard for different varieties of Coal, Dry Lignite, Raw Lignite, Deoiled Rice Bran, Coke Breeze, Pet Coke etc. and inform the same to Yard Supervisor in shift, Crane Drivers, Production Supervisors and others connected regarding the same.
- Get the details about movement of Coal, Lignite and other fuels by Rail/Road from Materials dept. in advance.



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- Get the details about receipt of Coal, Lignite, DOB etc. by Road from Materials Dept./EWB/Security.
- Clear the unloading pits for receiving the incoming fuel, materials.
- Unload the Coal/Lignite to the corresponding unloading pits.
- If pits are being cleared by Crane and more Wagons are waiting to be off loaded, place the Wagons near the concrete yard and unload.
- Plan and unload the Coal/Lignite near Coal inclined belt conveyor shed for check weighment.
- Clear the pits of Coal/Lignite being offloaded from Wagon /Lorry by Crane and store in stockpile in the corresponding bays or feed to the Crane Yard Hopper.
- When Coal Storage Yard is full and Coal/Lignite/Coke is unloaded outside, the same should be dozed in the ear-marked area separately and fed to the corresponding pit whenever it is required.
- Wagon loads offloaded for check weighment will be transported to “BC-10B” yard after check weighment and stored for dozing to dump hopper whenever crane is under breakdown or maintenance for longer period.
- Coal / Lignite DOB mixed with Lignite is fed to KHD feeding coal hopper separately as per the instruction to Crane Driver or as required by CCR.
- The feeding ratio details will be intimated to Crane Driver orally or through register.
- During rainy season or crane breakdown or Belt Conveyor IOA breakdown, Hopper Jam periods; Coal/Lignite is fed to coal transporting system through emergency dump hopper provided over BC 10B. This will be done by front end loader.



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- B Grade Coal lumps and dry Lignite will be stored in the storage shed near Coal inclined Belt Conveyor in order to use during rainy season/coal crane break down period/low coal bin level period. Coal and Lignite will be fed to the inclined belt manually. Lump coal will be fed through jaw crusher.

Job Safety Analysis	Job: Belt Discharge chute cleaning	Date: 01 – 07 - 2013	Analysis by: Section Incharge	Reviewed by: Section Head
Title of employee doing job:	Supervisor: Sec. Incharge	Department: Coal Feeding	Section: All belt conveyers	Approved by: Department Head

Req'd/recommended PPE:

Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What Could Go Wrong	Corrective Action
Cleaning of the Coating at belt discharge chute	pipe hit to the person	Hold the Pipe properly, if there any possible tie it one end.	Pipe may hit the person while cleaning the chute.	Hazards to be explain to the people who are working in that area by safety PP talk, tool box talk.
Inspecting the chute	Fall of the person	While inspecting the chute use safety belt and make proper approach to view the chute.	Person may fall on to the chute due to slip.	Use Proper safety belt to inspect the chute.
Cleaning spillage in belt conveyor bottom	Showel may entrapped into conveyor	Ensure showel should not touch the conveyor while cleaning	Person may entrapped into conveyor if he hold strongly	Stop the conveyor and start the conveyor after clean the spillage material



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Emergency Shut- off:

1. In case of belt is moving, Emergency pull chord switch should be activated by the person.
2. If body injury is there, First aid will be given and inform to the Safety department or Call Emergency number 233/555/9865125176/9865177444.

Records/Annexure:

1. Refer Line clearance certificates.
2. JSA as enclosed below.

HOD PRODUCTION

HOD TECHNICAL