



DALMIA CEMENT (B) LIMITED – ARIYALUR



MECHANICAL

Issue No. 01	Rev. No: 02	Effective Date: 17.10.2017	SOP/MEC/036
Issued By: M.R		Approved By: HOD Mechanical	
SOP for Pneumatic Gate Divertor			

Scope: Maintenance in Pneumatic Gate Divertor

Responsibility: Section Engineer

Accountability: Mechanical-Section Incharge

PPE:

1. Safety helmet,
2. Safety shoe,
3. Hand gloves.

TOOLS:

1. Box spanner set.
2. Ring spanner set.
3. Puller
4. Feeler Gauge
5. Manila / Nylon rope.
6. Chain block

Hazard Analysis:

Risks associated : Mitigating Measures

Body Injury : Use proper tools and tackles

SOP for the Maintenance in Pneumatic Gate Divertor

1. Close the Air Valve and emptied the pipe line pressure
2. Use ppe's while working
3. Open the inspection door & Remove the coating.
4. Check the gap or any wear repair if required.
5. Check free movement by opening & closing



DALMIA CEMENT (B) LIMITED – ARIYALUR



MECHANICAL

Issue No. 01	Rev. No: 02	Effective Date: 17.10.2017	SOP/MEC/036
Issued By: M.R		Approved By: HOD Mechanical	
SOP for Pneumatic Gate Divertor			

6. Checking of oil level in FRL unit Lubricator
7. Cleaning of Exhaust Silencer.
8. Clearance given for operation

Emergency / Emergency Shut OFF:

1. If any injury takes place, provide First aid and inform to the Safety department or Call Emergency number 3108/9865152222

Records/Annexure:

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

S L N O	Activity			Isolation Matrix for Utility & General Equipment.							
				Isolation Type							
				Electrical Energy				Other Energy			
7	Maintenance in Pneumatic Gate Divertor	Name and Tag for the Equipment		Drive for the Feeding Equipment	Drive for the Discharge Equipment			Close the Pneumatic Cylinder operating airline			



DALMIA CEMENT (B) LIMITED – ARIYALUR



MECHANICAL

Issue No. 01	Rev. No: 02	Effective Date: 17.10.2017	SOP/MEC/036
Issued By: M.R		Approved By: HOD Mechanical	
SOP for Pneumatic Gate Divertor			

Job Safety Analysis	Job: Reject Flap Maintenance	Date: 01/09/2014	Analysis by: Section Engineer	Reviewed by : Section Head
Title of employee doing job: Engineer	Supervisor: Section Incharge	Department: Mechanical.	Section: Raw Mill	Approved by: HOD Mechanical.

Req'd/recommended PPE:

Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What Could Go Wrong	Corrective Action
Open & Close the inspection Door	Hand injury	Use proper tools Lifting tools	Tools may slip	Ensure proper tools & tackles in usage
Remove & Fixing FRL unit	Hand injury	Use proper tools Lifting tools	Tools may slip at that time of pipe line removing & fixing	Ensure proper tools & tackles in usage
Liner Plate Cutting	Hand and Leg injury	Remove the cutting Pieces with Gloves	Cutting piece fall on Hand and Leg	Use Skilled cutter & Lifting person
Liner Plate Fixing	Hand and Leg injury	Follow standard work procedure for do welding and use proper method to fixed the wear plate	Material may slip during welding	Ensure the person Lifting the material as per lifting procedure
Bearing Removing & Fixing	Hand injury	Use proper tools Lifting tools	Tools may slip	Ensure proper tools & tackles in usage
Pneumatic Cylinder Changing	Hand injury	Use proper tools Lifting tools	Tools may slip	Ensure proper tools & tackles in usage