



MECHANICAL SOP

Issue No. 01	Rev. No: 02	Effective Date: 17.10.2017	SOP/MEC/111
Issued By: M.R		Approved By: HOD Mechanical	
SOP & JSA for vinar conveyor Maintenance			

Scope: VINAR CONVEYOR MAINTENANCE

Responsibility: Section Engineer

Accountability: Mechanical-Section Incharge

PPE:

1. Safety helmet,
2. Safety shoe,
3. Mask.
4. Gloves – Cotton knitted
5. Ear Plug
6. Safety belt
7. Goggles

TOOLS:

1. Box spanner set.
2. Ring spanner set.
3. Grease gun.
4. Local stop key.

Hazard Analysis:

Risks associated:

Dust emission

Mitigating Measures

Use Nose Make, Goggles & Ear Plug.

SOP for the vinar conveyor Maintenance (Buckets, Bearing, Bracket, chain Inspection & rectification)

1. Take the Line clearance for the drive with LOTO system.
2. The LOTO key and line clearance paper should be with the person who responsible for job
3. Take General work area permit from the relevant department
4. Use ppe's while working.



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5. Check the condition of Bearing, Bracket & chain.
6. If any damages are there Remove the center pin and replace new one.
7. Check the lubrication unit and.
8. Check the Drive unit and V belt condition
9. Clear the LC and take trail.

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
- 3.

SL No	Activity			Isolation Matrix for Utility & General Equipment.							
				Isolation Type							
				Electrical Energy				Other Energy			
1	Vinar Conveyor maintenance work	Name and Tag for the Equipment	Vinar conveyor								



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Job Safety Analysis:

Job Safety Analysis	Job: Vinar conveyor maintenance	Date: 01/09/2014	Analysis by: Section Engineer	Reviewed by: Section In charge
Title of employee doing job: Fitter	Supervisor: Section Engineer (Mech.)	Department: Mechanical	Section: Packing Plant	Approved by: HOD Mech.
Req'd /recommended PPE:				
Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What Could Go Wrong	Corrective Action
Removing / Fixing the buckets	Leg injury	Use proper tools Lifting tools	Tools / bucket may slip	Ensure proper tools & tackles in usage
Removing / Fixing the bearing and bracket	Hand injury	Use proper tools Lifting tools	Tools may slip	Ensure proper tools & tackles in usage