	DALMIA CEMENT (B) LIMITED – CEMENT PLANT		
	ARIYALUR		
	INSTRUMENTATION DEPARTMENT		
Issue No. 02	**Rev. No: 00**	**Effective Date: 01.11.2019**	**SOP/INST/34**
Issued By: M.R		**Approved By:**	
SOP FOR BAG COUNTING SYSTEM			

Scope/Purpose   **:** This SOP is applicable for Bag counting system

Responsibility   **:** Instrument section -Engineer

Accountability   **:** Section In-Charge

PPE:

Tools:

1. Multi meter

2. Insulated screw driver

3. Insulated Pliers

Hazard Analysis:

Risks associated	Mitigating Measures
Electric shock	Usage of Insulated tools and Safety shoes

Training needs:

1. First aid procedures

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Procedure:

1. Check power supply

2. Check proper bag sensing

3. Check counter increment.

Emergency / Emergency Shut OFF:

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Records/Annexure:

1. Daily check list

2. Sop for operating procedure

JOB SAFETY ANALYSIS: (JSA)

Job Safety Analysis	Job: Maintenance of Bag counting system	Date: 20 – 09 - 2017	Analysis by:	Reviewed by:

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Title of employee doing job: Instrument Mechanic	Supervisor: Section Engineer	Department: Instrumentation	Section: Instrument	Approved by:
Req'd/recommended PPE: Insulated Tools, Safety shoes, Hand gloves				

Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What Could Go Wrong	Corrective Action
Check the Power supply	Electrocution	Use insulated tools and multi meter	Multimeter probe insulation may be damaged	Check the multi meter probe condition before using for measurement
Check proper bag sensing	may fall on leg	Inspect bag sensing from the long distance	Waste bags may hit on the leg	Inspect the Area before going for checking the sensitivity
	No hazards			
Check counter increment				