



**DALMIA CEMENT (B) LIMITED – CEMENT PLANT
ARIYALUR
SAFETY DEPARTMENT MANUAL**



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WORK INSTRUICTION FOR SAFETY PRECAUTIONS (GRINDING MILL'S)			

1.0 WORKING WITH THE GRINDING MILLS AND THEIR AUXILIARIES:

- 1.1.1 Before entering the Mills, please note that the hot gas fans connected to the Mills are stopped and dampers are closed.**
- 1.1.1 Never enter the Mills without taking LC. Otherwise, you will be landing in danger.**
- 1.1.2 Do not start any work inside the Mill unless you ensure that the switches are locked and place a board on the switch board in the Control room (MCC) Centers, "Men at work" "Do not start" for preventing the persons to start the mills.**
- 1.1.3 Do not use a hand-lamp other than 24 volts and the guard for the hard-lamp is very much necessary.**
- 1.1.4 Do not enter or walk beneath the Mill when it is running. Doing so is suicidal.**
- 1.1.5 Do not enter the Mill immediately after opening the manhole. Allow sometime for the gases to disperse.**
- 1.1.6 Especially in Coal Mill, keep open the manhole some time for the escape of carbon monoxide which is toxic as well as combustible gas. Accidents have occurred due to inhalation of gas, and explosion of gas.**
- 1.1.7 Before you carry out any work inside (welding & grinding and cutting work) in coal mill, please make sure that all the gases such as CO, CO₂ are driven out. CO is a combustible gas and toxic. CO₂ gas is an asphixant. Inhalation of these gases would be dangerous to life.**
- 1.1.8 Before carrying out any welding work inside the Coal Mill, take all precautions to prevent fire as there is possibility of fine coal catching fire.**
- 1.1.9 Do not smoke inside the Coal mill fine coal hoppers, raw coal hoppers and other auxiliaries of Coal mill. There will be inflammable gas pockets in such Coal.**