



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



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Issued By: M.R		Approved By: HOD – CIVIL	
WORKING INSTRUCTION FOR EXCAVATION USING PROCALINE.			

1 **Purpose:** This procedure is to ensure that:

Documented instructions for safe excavation in depths of plant premises

2 **SCOPE**

Entire Plant premises

3 **RESPONSIBILITY**

HOD (Civil) shall be responsible for approving the instructions and the section-In charge shall be responsible for establishment and implementation of work-instructions

4 **PROCESS**

As follows..

EXCAVATION IN DEPTH INSIDE OF PLANT

- 1 The underground water line, gas line, power cable and over head cable line are identified as a source of hazard
- 2 The power line may lead to giving electrical shock
- 3 The gas line can be a source of fire
- 4 The areas which excavation has to be identify and marked
- 5 Before excavation pocklin operator license has to be checked
- 6 The Area should be barrigated including swing portion of the pocklin
- 7 During excavation, ensure that pocklin helper having the red flag for giving clearness while the time of swinging the arm
- 8 Excavated earth should be loaded to lorries or stacked 1m away from the marked area (edge of the pit or tunnel)