Work instructions for testing chain block testing/checking

Objective                              Safe testing/checking of chain pulley block for safe working

Scope                                    Plant

Responsibility                      Engineer In charge & workmen at job

PPEs to be usedHelmet, Safety shoes, dust mask, and hand gloves

Aspect-Impact

Oil spillage Resource Depletion

[Hazards Identified](http://192.168.6.19/sil_quality/Mech.html/4%20RISK%20ASSESMENT/WIMAINT45%20SERVICING%20OF%20VEHICALE.xls)

Mechanical hazard                 Falling of weight, trapping

Human behavior                    Improper housekeeping, Non use of PPEs, Alcoholism

Procedure

This activity has to be carried out in presence of the external competent person approved by Goa Factory Inspector.

Physically inspect load chain of chain pulley block for no twist. Inspect all other items as per the catalogue of chain pulley block (cover, holding hook, all bolts, and latch).

Check lifting chain & wheel for free operation.

Hook the chain pulley block to the safe support at designated place.

Ensure smooth movement of chain pulley block.

Cordon the area coming under the approach of chain pulley block testing.

Arrange suitable weights (1.25 times the safe working load of chain pulley block) for testing.

Lift the test weight for 1 meters height with the usage of tested sling and hold for at least half an hour under close supervision.

If the chain pulley block is accepted by the competent agency shift the chain pulley block to the appropriate location of usage.

If the chain pulley block is not accepted discard the same.