

Agriya Construction Aurangabad

Date :

## Hazard Identification and Risk Assessment

Type of work	Risk	Control Measures
<b>Dismantling and demolition (steel/sheets)</b>	Dust raised by the demolition work.  Noise and vibration caused by the machines, hand-tools, explosives, and falling/collapsing parts of the building. Falling objects  Fire is a risk where hot work (using any tools that generate spark)	Clearly marking and with barriers or hoardings  Any debris and rubble will be removed as soon as possible to a safe place, and workplaces as well as pathways kept tidy. Ensuring machines and equipment are maintained properly and regularly, Use of safety shoes and helmet
<b>Excavation</b>	Excavated Soil or Equipment falling on workers.  Moving machinery near the edge of the excavation can cause a collapse. The accidental severing of underground utility lines/power lines.	Correct designing of sloping and benching systems  Correct designing of support systems, shield systems, and other protective systems Plus Appropriate handling of materials and equipment Plus  Attention to correct installation and removal of Equals Protection of employees at excavations Use of safety helmet Protecting Head and Eyes by safety helmet and glasses .
<b>Shuttering for footings , beam and</b>	Falls of Materials. Fall of Person. Unsafe working platform. (Housekeeping) Improper handling material.	Proper Supervision. Walkway free from Obstruction. Provide safe working platform. Provide Horizontal safety Net.

<p><b>Concreting (PCC , footings beams</b></p>	<p>Reaction of skin to contact with cement / additives</p> <p>Inhalation of cement dust</p> <p>Falls of loose concrete / lifting operations</p>	<p>Vertigo test of worker.</p> <p>Doors, guards, formwork and falsework to be properly closed, guarded and secured to prevent falls of loose concrete during lifting operations. Do not overfill form/falsework with materials. Lifting plan to be in place when using cranes or other lifting equipment to raise materials. Segregate all areas where overhead work is in operation.</p> <p>Gloves to be worn when handling cement / additives. COSHH Assessment to be carried out and communicated to all operatives. Hand washing facilities to be available on site. Refer to COSHH assessment for details of hazards associated with cement and additives.</p> <p>Dust masks to be worn whilst loading cement into mixer unless adequate ventilation is available. COSHH Assessment to be carried out and communicated to all operatives.</p>
--	---	--