

Prompt Engineering Works

Gut.No.46,Plot No.104,Near Ghanegaon , MIDC Waluj
 Email. Id:-pewaurangabad@gmail.com Mob.No.9225305710

Hazard Identification and Risk Assesment

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

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Concreting (pcc, footing beams column)	Reaction of skin to contact with cement/additives Inhalation of cement dust Falls of loose concert /lifting operations	Doors, guards, formwork and false work to be property Closed, guards and secured to prevent falls of loose Concrete during lifting operations. do not overfill Form/ fieldwork with materials. lifting plan to be in place when using cranes or other lifting equipment to rise material. Segregate all areas where overhead work is in operation 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. 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.
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