Risk Assessment - Cement mixing

Reference No: CON-45751-56
Version No: 1
Assessment Approver: Kevin Jarvis

Working with Cement & Lime.

Department: Drainage
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Team: Andrew Laycock (HoD Drainage)

Working with cement & lime

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
Health and Safety	Skin or eye damage plus inhalation of dusts Contact with materials	Volunteers & Staff	1) CRITICAL - Administrative: COSHH Assessments to be available for all materials as required - Effective 2) CRITICAL - Administrative: Consider the wind direction when using powdered materials - Effective 3) CRITICAL - Administrative: Wash any contaminated areas with plenty of water immediately. - Effective 4) CRITICAL - Administrative: Be aware for the potential of burns from wet concrete and clean and wash any affected areas immediately. - Effective 5) CRITICAL - PPE: Wear gloves, eye protection, overalls and dust mask when powders are present. - Effective 6) CRITICAL - PPE: Have eye wash bottles available for use. - Effective	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	1) Administrative: Consider the impact on others before commencing work - Effective	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	n/a
Score and Control Measure Notes. Low risk due to nature of materials. Risk remains low							
Health and Safety	Injury due to incorrect use cement mixer Workers could be crushed or cut if the mixer topples or they get caught in moving parts.	Volunteers & Staff	1) CRITICAL - Elimination: Cement mixer located on firm, level ground - Effective 2) CRITICAL - Engineering: Mixer is fully guarded and guards in place during operation - Effective 3) CRITICAL - Administrative: Take regular breaks from continues operation - Effective 4) CRITICAL - Administrative: Only competent people to use the mixer. - Effective	1 x 1 = 1 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	1 x 1 = 1 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	n/a

COSHH Assessments

The following COSHH assessments are applicable to this risk assessment:

- COSHH-44518-24 - Portland Cement Powder

Ends

Appendix



Reference: UI-44518-585
Cement Mixer -