

Task Risk Control Sheet

Working with and Mixing Concrete

Task No: NR/L3/MTC/RCS0216/GA11
Issue: 2

Key Risks !

- **Contact with Cement or Cement Dust**

Personnel Involved

E&P	✓
S&T	✓
Track	✓
Off Track	✓
Property	✓

Tools / Equipment

Cement Mixers

Plant

None

Key Risks	Controls	Implemented By
Manual Handling	<ul style="list-style-type: none"> • All staff shall be trained in manual handling • All cement bags shall be delivered with a maximum weight of 25kg 	Line Manager
Contact with cement and cement dust	<ul style="list-style-type: none"> • Overalls, Eye protection and gloves shall be worn when mixing or handling cement and an eye wash station provided if running water is not available • Respiratory protective equipment (e.g. dust mask) shall be worn at all times when mixing cement • Always wash hands before eating, drinking or smoking – washing facilities shall be provided on site • Provide facilities for drying and changing clothing on site and laundry services, to prevent cement burns • Staff who are regularly exposed to cement shall have access to health surveillance, including skin checks, as detailed in the COSHH risk assessment system. 	All Staff / COSS / Team Leader Line Manager / Planner
Use of concrete mixer including: <ul style="list-style-type: none"> • Defective mixer • Contact with moving parts • Noise 	<ul style="list-style-type: none"> • A planned preventative maintenance programme shall be in place and only cement mixers below the first action noise level (80dB) supplied • Operators shall perform a pre-use check to check that the mixer is fit for purpose and within inspection dates • Cement mixers shall only be operated by trained staff and unauthorised access prevented • For Fuelling see Risk Control Sheet NR/L3/MTC/RCS0216/GA17 – Decanting Fuel and Fuelling Small Plant 	Line Manager All Staff / COSS / Team Leader
Vehicle driven cement mixers	<ul style="list-style-type: none"> • All movements within the worksite shall be controlled using a competent person (banksman) and delivery drivers shall be briefed on the site safety arrangements prior to delivery and supervised at all times 	COSS / Team Leader
Vibrating Concrete	<ul style="list-style-type: none"> • Only vibrating pokers that have had a full Hand-Arm Vibration assessment performed shall be used and staff shall be rotated and not exceed the maximum time limit required of the HAV risk assessment 	Team Leader
Dissolving polystyrene formers	<ul style="list-style-type: none"> • Disposable gloves and eye protection shall be worn at all times • A no smoking or naked flames exclusion zone shall be established and maintained at all times 	All Staff

Task Risk Control Sheet

PPE Required by NR / Maintenance Policy



Wear Head Protection



Wear Foot Protection



Wear Hi Visibility Clothing



Wear Safety glasses to BS EN166.F

If safety glasses introduce a risk (ie weather conditions) then the Team Leader shall assess the risk. The outcome of the assessment shall be recorded on the SSOWPS pack and safety glasses may be removed.
This does not supersede the requirements for eye protection detailed on relevant Task Risk Control Sheets.

Additional PPE Required by Task Risk Control Sheet



Wear Hand Protection



Wear eye Protection BS EN166.F



Wear Dust Mask