

Elite Concrete technical specifications

Risk assessment & method statement

These are generic R.A.M.S, not site specific and should be used as a guide only

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Block off-loading R.A.M.S. example

Mechanical off-loading / loading
of concrete blocks from flat bed
articulated trailers using a
tele-handler/crane or similar
with lifting chains



ELITE PRECAST



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Risk assessment guide

Risk assessment guide table

Hazard probability (prob)	Factor	Hazard severity (sev)	Factor
Highly unlikely	1	Insignificant	1
Remote possibility	2	Minor - light damage	2
Fair chance	3	Moderate - damage / injury	3
Highly probable	4	Serious damage / injury	4
Almost certain	5	Dangerous - fatal	5

Risk factor calculation

Risk factor = Probability factor × Severity factor

Risk factor	Category	Action
1 - 5	Acceptable	Routine action
6 - 10	Acceptable	Employ safety systems
11 - 15	Marginal	Reduce risk / Employ all safety systems
16 - 20	Undesirable	Maximum caution / Close supervision
21 - 25	Unacceptable	Must not be allowed

Risk assessment

NOTE: Check to see if a full lifting plan is required

Description	Persons at risk	Control measures	Prob	Sev	Risk factor
Injury from falling objects	Driver/ pedestrians	<p>All persons not within the vehicle cabs to wear hard hats.</p> <p>All chains/lifting equipment to be certificated.</p> <p>Blocks to be lifted using fork-mounted hook attachment (or suitable chains & hook) and lifting shackle. The lifting shackle will be supplied by Elite Precast Concrete or similar approved.</p> <p>Operator to be certified in the use of the tele-handler/crane/ excavator/etc.</p> <p>Tele-handler/crane/excavator/etc. to have a suitable SWL and Certificate of Thorough Inspection.</p> <p>In the case of pre-used blocks, check the galvanised lifting pin for signs of wear, corrosion or damage prior to lifting.</p> <p>Check the shaft diameter of the lifting pin (2.5t Pin = 14mm / 5t Pin = 20mm) and that the pin is not leaning or bent.</p> <p>If in doubt use another means of lifting.</p> <p>Never stand under a suspended load.</p>	1	5	5
Injury from collision with vehicle	Driver/ pedestrians	<p>All persons not within the vehicle cabs to wear hi-vis.</p> <p>All vehicles to be fitted with reversing alarms.</p>	2	4	8
Fall from height	Driver/ pedestrians	<p>All drivers to use harness, lanyard and carabiners and to anchor to concrete blocks on the trailer, or ensure that the trailers have suitable edge protection fitted.</p> <p>Access and egress to vehicle via rear stepladder.</p>	3	3	9
Injury from vehicle turning over	Driver/ pedestrians	<p>Drivers to check terrain before beginning operations.</p>	1	3	3
Trapped fingers	Pedestrians	<p>Operators to position blocks via flat sides, not inbetween colliding blocks. Gloves must be worn.</p>	1	5	5
PPE required		<p>Safety boots, hi-viz, gloves, fall-arrest harness/lanyard, hard hat, site-specified extra PPE.</p>			

