

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

Document no.
EPC-OPS-S011

Date July 2020

Jersey Barrier off-loading R.A.M.S. example

Mechanical off-loading / loading
of concrete Jersey Barriers from
a flat bed trailer.



ELITE PRECAST



Elite Precast Concrete Limited
Halesfield 9, Telford, Shropshire TF7 4QW
Tel: 01952 588885 Fax: 01952 582011
www.eliteprecast.co.uk

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	All persons not within the cab to wear suitable PPE All slings / lifting equipment to be certified with correct SWL (note barriers weigh 1450kgs). Barriers to be lifted by means of suitable fork lift / all terrain telehandler with correct SWL or suitably rated slings suspended from hiab etc.	1	5	5
Injury from collision with vehicle	Driver/ pedestrians	All persons not in the cab to wear suitable high viz. All vehicles to be fitted with reversing alarms. Assess the need for a suitably trained slinger/banksman.	2	4	8
Fall from height	Driver/ pedestrians	Edge protection to be fitted to trailer if access is required for slinging the barriers (lifting with hiab - see above). Access and egress to trailer bed via ladder. Note - full loads of 20 barriers are NOT suitable for off-loading with slings as the barriers are positioned next to each other with no gaps for slinging in between and a full of Jersey barriers prevents the fitting of edge protection poles and straps.	3	3	9
Injury from vehicle turning over	Driver/ pedestrians	Drivers to check terrain before off-loading. Ensure seat belts are worn and doors (if fitted) are closed.	1	3	3

ELITE PRECAST

