

contractor logo

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<i>H = Hold Point - Cease work until inspected and accepted</i>	<i>R = Review point - Results to be reviewed by a nominated person</i>
<i>W = Witness Point : Inspection Requested - Work Continues.</i>	<i>O = Observation - Work Continues</i>
<i>S = Sample Inspection - Ensure Sample is taken and continue Work</i>	

Document uncontrolled once printed.
Page 1 of 4

Secondary Control													
Primary Control													
Inspection Number	Altered from previous revision (denote by *)	Activity	Control Document and Clause	Acceptance Criteria			Inspection	Verifying Document	Deliverable record	Inspection Details			
				Check Item	Frequency	Parameters				Contractor		DT	Third Party
										Sub-Contractor	Contractor	Intervention ¹	Intervention ¹
5.5		Carefully lower the reinforcement cage into the mould with crane and lower into the mould (protect mould sides from scratches) Spacers to be used if required/appropriate	IFC Reinforcing detail drawings	Drawings at IFC Cover to reinforcement Minimum lap lengths maintained Photos of installed reinforcement taken	Before second shutter is installed	- Rebar clean and securely fixed - Centre and position as per design and schedule - Nominal cover checked against specification - Correct splice length taken from drawings.	Casting supervisor	Evans D1.15 Precast tolerances, Concrete call off sheet	Y	H			
5.6		Locate cast in items from stores using picking list on the unit ID label.	Evans Production Works Procedures	All cast in items fixed in position as per drawings	Prior to pouring	Cast-in items shall be fixed into position before concreting in accordance with design drawings.	Casting supervisor	Evans D1.16 Unit ID label & concrete call off sheet	Y	H			
5.7		Mould to be hoovered & cleaned where necessary prior to the pre-pour inspection. Mould release sticker is then signed by casting supervisor [AMBER CHECK] to release for the Pre-pour inspection.	Evans Production Works Procedures	Lifting points as per locations shown on unit drawings	Prior to pouring	Ensure mould is cleaned and ready for pre-pour inspection [AMBER CHECK] must be signed	Casting supervisor	Concrete Call off sheet	Y	H			
5.8		Pre-pour inspection - Mould dimensions & assembly, cast-in fixings, cover & mould cleanliness checked. If applicable the QA checker will sign the Pre-pour signoff [GREEN CHECK] to release for concrete batching, if not, the casting team will be notified of the fault and re-assessed when re-work is complete.	Evans Production Works Procedures	Items 11.1 to 11.7 checked	Pre Pour	Dimensions and cover to be checked in accordance with specification	Evans QA	Evans D1.03 Mould release sticker, & Concrete call off sheet	Y	H			
6		Concreting											
6.1		Volume of the concrete & mix design taken from the unit ID ticket tied to reinforcement cage, this information is then written onto the concrete call off sheet and handed to the batcher	Evans Production Works Procedures	Ensure pre-pour [GREEN CHECK] has been completed	Before each pour	Ensure mould release sticker has been signed at pre-pour [GREEN CHECK]	Casting supervisor	D1.03 Joiners Release,D1.16 Unit ID label & Concrete call off sheet	Y	H			
6.2		asses workability- slump test in accordance with specified test BS EN 12350 (if required note down temperature of concrete in accordance with BS EN 8500-2:2006)	Evans Production Works Procedures	Take spot sample of concrete during discharge into skip	Each cast	Take spot sample of fresh concrete	Evans Concrete Technician/Cube operative	Concrete Call off sheet					
6.3		Take spot samples from the discharge chute and pour into cubes for compressive strength checks in accordance with BSEN 12390-3:2009	Evans Production Works Procedures	Take spot sample of concrete during discharge into skip	Each cast	Take spot sample of fresh concrete	Evans Concrete Technician/Cube operative	Concrete Call off sheet	Y	H			
6.4		Delivery of the concrete to the factory, complete concrete call off sheet and hand to operative making cubes	Evans Production Works Procedures	Check concrete call off	Each Ticket	All concrete call tickets to be retained in office	Batching & cube making operative	D1.16 unit ID label & Concrete call off sheet	Y	H			
6.5		Discharge the concrete into a crane hung transportation skip to allow controlled placement into the mould. Ensure concrete is compacted and filled to the correct levels	Evans Production Works Procedures	Discharge into transport skip			Casting supervisor	Concrete Call off sheet	Y	H			
6.6		Trowel level with top of the mould and spray with curing compound [MCR-07]. If unit is re-floated re-apply the curing compound	Evans Production Works Procedures	Ensure mould filled to correct levels	Each cast	Top mould and apply curing agent	Casting supervisor	Concrete Call off sheet	Y	H			
6.7		Record all data onto Production Quality Log & Active Contract computer system	Evans Production Works Procedures	Input on computer quality system	Each cast	Input data onto Evans Quality System	Evans QA	Concrete Call off sheet	Y	H			
6.8		Test cured cubes for assessment of the formwork striking time prior to demoulding	Evans Production Works Procedures	Compressive strength of demould cube	Each daily pour	Ensure unit is 20N/mm2 before demould	Evans QA	Concrete Call off sheet	Y	H			
6.9		Strike the formwork and de-mould using crane, inspect underside of the panel from a safe distance without going underneath the panel. Carefully place units onto bearers onto transport trailer ready to remove from factory into stock yard using bearers and dimple pads	Evans Production Works Procedures	Removal from mould	Each unit	Inspect unit for defects	Casting supervisor	Concrete Call off sheet	Y	H			
7		Post Pour											
7.1		Post-strike concrete inspection. All dimensions checked using Evans unit drawing [circled dimensions are acceptable; dimensions that differ to drawing are handwritten onto drawing and if out of tolerance raised as a NCR.	Approved MCR for any Remedial Products	Visual inspection & dimensional check	First cast and every 10th after	Check against precast tolerances BS8297	QA	D1.09 Post strike inspection drawing	Y	H			
7.2		Record defects on Notification of Defects NOD register and affix NOD ticket to unit with RED cable tie. If necessary raise NCR and fix to unit with RED cable tie	Evans Production Works Procedures	Any defects witnessed	Every unit	Any defects witnessed	Any Evans personnel	Evans D1.23 NOD Label & Evans D1.22 NCR Label	Y	H			
7.3		Carry out any repairs from defects listed on NOD & NCR tickets. Hand in ticket and update log	Evans Production Works Procedures	Agreement by Project Manager	As required	Surface finish is to the standard of the approved test panel	Finishing Supervisor	Evans D1.23 NOD Label	Y	H			
7.4		Concrete Strength Compliance	Evans Production Works Procedures	Concrete Sample	28 days	Minimum of 1No. 7day and 2No. 28day results per casting day.	UKAS accredited Laboratory/Evans Conc Tech/Cube Operative	D1.10 KIWA CMT cube cert & Evans Production Quality Log	Y	H			
8		Delivery to Site											
8.1		Using current delivery schedule document to identify precast units well in advance of delivery to site and carry out Final inspection	Evans Production Works Procedures	Visual Inspection	All units listed on delivery schedule	Identify precast units from delivery schedule document, assess if unit is of acceptable standard and complete green tag signoff sheet and affix GREEN cable tie	Despatch Manager	D1.11 Delivery schedule document	Y	H			
8.2		Ensure all units for intended delivery have a GREEN cable tie, to determine if the unit has passed the Final inspection. If unit has RED cable tie report to Quality Manager.	Evans Production Works Procedures	Visual Inspection	Each Unit	Check for green cable tie to proceed, or if red cable tie present refer to Quality Manager	Loading supervisor	D1.12 Final inspection sheet	Y	H			
8.3		If necessary clean the panel prior to delivery	Evans Production Works Procedures	Visual inspection	Each Unit	Benchmarked 1st production beam & approved sample	Loading supervisor	D1.12 Final inspection sheet	Y	H			
8.4		Load panel onto suitable trailer checking if there are any site delivery restrictions	Evans Production Works Procedures	Visual inspection	Each Unit	Check for site restrictions and current highway regulations	Despatch Manager	D1.12 Final inspection sheet	Y	H			
8.5		Protect the units for transportation, using corner protection & plastic lay flat tubing to prevent staining from lorry straps. Record the units to be transported per lorry load onto the Evans Advice Note, this document which will be presented on arrival on site for signature.	Evans Production Works Procedures	Visual Inspection	Each Delivery	Prior to loading the element will be protected for transport	Loading supervisor	Dispatch Sheet	N	H			



Final Inspection prior to Loading onto Delivery Vehicle

7237 Co-oP Live Arena					RECENT DEFECTS TO BE VIGILANT OF				
					Alert 001	Alert 002	Alert 003		
Date	Unit Ref	Ticket No.	Comments	Unacceptable Repairs or damage noted at inspection					Green Tag fixed
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

Signed on behalf of Evans Finishing Team

Signed on behalf of Evans Loading Team

Precast Units are loaded and packed in a safe manner
to prevent damage during transit to site

Name:

Name:

Signed:

Signed:



Date:

Date:

contractor logc

Drawings and Specifications

[illegible]

Intervention Codes¹

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O = Observation - Work Continues

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Page 1 of 4

Secondary Control													
Primary Control													
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8.3		If necessary clean the panel prior to delivery	Evans Production Works Procedures	Visual inspection	Each Unit	Benchmarked 1st production beam & approved sample	Loading supervisor	D1.12 Final inspection sheet	Y	H			
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3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

Signed on behalf of Evans Finishing Team

Name:

Signed:

Signed on behalf of Evans Loading Team

Name:

Signed:

Precast Units are loaded and packed in a safe manner
to prevent damage during transit to site

Document Ref: ECP Final Inspection prior to delivery
DOC D1.12
Rev -

Date:

Date:

