

H & S Manager's Safety, Environment & Quality Observation Report



Project:	GBL4A – Data Centre	Client:	ISG
Project No:	2143	Area / Scope:	M CUB and General site locations
H & S Advisor:	On site Mark Bywater / P G Connor	Visit Date/Time:	22-23 October 2019
Project Manager:	Adam Henshaw	Site Manager:	J Parker – K Jamieson
Sub-Contractors:	BSL x 8, Wisconco x 13, MCL x 16, MAB x 4 PMSS x 2 Total = 43		
Report Issue Date:	23/10/19	Version:	6
		Document Version Date:	04/04/18
Distribution:	M Smith, B Turton, A Henshaw, J Parker, K Jamieson, D Chatterton, M Bywater, W Harrison, K Burgin, K Moore		

Note: no pictures allowed to be taken on site without first being vetted by ISG and the camera operator is in receipt of additional clearance, therefore information will only be written for the duration of this project.

GENERAL COMMENTS – SITE OVERVIEW	
	<p>The site tour was conducted M Bywater BSL on site H&S, we completed a full tour of the site and discussed and observed including areas where improvements could be made.</p> <ul style="list-style-type: none"> • Loading bay CUB – handrails installed incorrectly as they have been installed on the outside. The drawings however show this method of installation. • General barriers and exclusion zones continue to be ignored with other trades still moving barriers and walking through. Lots of trades working in close proximity. Not enough signage is in place (including misappropriation/locations/signage/storage and removal) • Painter observed wearing incorrect mask and another not wearing any gloves • Housekeeping – generally good across the site. • Hot works – observed operator not wearing the correct eyewear while undertaking grinding – segregation/exclusion zones/fire watcher etc should have implemented additional curtains or laid across the panels which would have been acceptable. There was also no extraction in use. • Lifting activities – including exclusion zones, generally good across the site. • Easi-edge – area in place that now can be removed. JP confirmed removal by end of week. <p>Current phase of work includes the following –</p> <p>I x gang of PMSS snagging on remedial works to variations</p> <p>MAB – M CUB variation</p> <p>MCL – working ground floor DC and M CUB</p> <p>MAB – working on stair 4 roof level – and M CUB variations</p> <p>Wisconco – erecting on M CUB roof platforms (mobile tower crane) fuel and pipe rack east side of MDC. Plus, additional gang installing door posts.</p> <p>MB will attend the weekly H&S meeting on Thursday.</p>

PART I: Inspection Checklist			
INSPECTION KEY			
SATISFACTORY <input checked="" type="checkbox"/>	UNSATISFACTORY <input checked="" type="checkbox"/>	WARNING / ADVICE <input checked="" type="checkbox"/>	NOT APPLICABLE – N/A

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PROJECT MANAGEMENT			
Client / Method Statement induction – Dated 19/02/19	✓	STAR Risk Assessments completed – Dated 21/10/19 signed by D Harland	✓
Method Statement Addendums – revision 5 Steel erection main methodology Dated 01/10/19	✓	Evidence of site inspections conducted – MSOR dated 14/10/19 signed by K Jamieson – Director leadership inspection 08/10/19 see general comments No: 1	✓
Method Statement including BFM-OP-010 signed –	✓	Lift Plan completed & signed by an AP – Dated 14/10/19 – for 015 fuel pipe rack LP 011 rev 1	✓
Site Safety Handover Certificate (SSHC) – ISG documentation used -zone 1 Dated 01/03/19 See corrective actions No: 1 Phased handovers – observed dated 14/10/19 for the fuelling area.	✗	ISG – LMRA – Electrical pipe racks - Dated: 19/10/19 – see general comments No: 4	✓
DOCUMENTATION			
Operator CSCS / CPCS Skill Cards – see general comments No: 2	✓	Safety net erectors FASET certified – also as per fall prevention	✓
Mobile plant / lifting certificates – observed MCL scissor lift – expires 25/12/19	✓	Portable electrical power tools PAT cert – see general comments No: 3	✓
Evidence of permits-to-work – permit No:2400 Hot works 14/10/19	✓	Daily/Weekly mobile plant inspections – w/c 21/10/19 observed	✓
MEWPs / mobile crane registers completed – dated w/c 21/10/19	✓	Evidence of toolbox talks – Dated 03/10/19 Waste Management and NDA on GBL4	✓
Tower scaffold register completed	✓	Accidents reported	N/A
Easi-edge training – including evidence of EPF (cards/certification and site TBT) – 1 st floor M CUB building phase 1/2/3 and DC 1 st floor zones 1-5 - last revision KJ and JP dated 10/10/19	✓	Harnesses / lanyards register completed – observed, dated w/c 21/10/19 see general comments No: 5	✓
Safety Critical worker/Fit for work info – on file	✓	Use of offloading procedure document – observed – 09/10/19 SV27VBA – DFDS at 1315. Load ref: 313G.	✓
PPE			
BSL issue high visibility vest or jacket/trousers – all BSL operatives were observed wearing correctly	✓	BSL issue safety helmet – 4-point straps – site policy dictates use – observed correctly across the site	✓
Mandatory eye and hand protection – eyewear, see general overview.	✗	Hearing protection – only in mandatory protection areas – site monitoring conducted	✓
Safety footwear – mandatory	✓	Respiratory protection – task specific – see general overview	✗
Water-proof clothing – as per current weather conditions	N/A	Correct harness use and fitment – observed correctly across the site.	✓
LIFTING OPERATIONS			

H & S Manager's Safety, Environment & Quality Observation Report



Authorised slingers / banksmen	<input checked="" type="checkbox"/>	Use of dedicated VLBG swivel-eye bolts/Yokes/(pinkies) – observed during the visit	<input checked="" type="checkbox"/>
Use of crane/ lifting attachment closed hooks – observed during the visit	<input checked="" type="checkbox"/>	Lifting appliance inspections satisfactory – observed last dated 14/10/19 see general comments No: 6	<input checked="" type="checkbox"/>
Lift Plan – Appoint. Person declaration signed – as per documentation Dated 14/10/19	<input checked="" type="checkbox"/>	Lift Plan – Crane Supervisor declaration signed – as per AP signature dated 14/10/19	<input checked="" type="checkbox"/>
Appendix I – Safe operation of multiple cranes –	<input checked="" type="checkbox"/>	Correct use of MEWP frames	<input checked="" type="checkbox"/>
SAFETY SIGNAGE, FIRE & FIRST AID			
First aid arrangements satisfactory – sufficient access across the site	<input checked="" type="checkbox"/>	Eye wash facilities provided – sufficient cover across the site	<input checked="" type="checkbox"/>
Fire and muster points satisfactory – as above	<input checked="" type="checkbox"/>	“BSL Caution & Steel Erection” signs displayed and applicable and appropriate signage – in place across the site.	<input checked="" type="checkbox"/>
SITE AND MAIN GROUND CONDITIONS			
Firm, level and even ground – generally good across the site	<input checked="" type="checkbox"/>	Suitable for deliveries / lay down area	<input checked="" type="checkbox"/>
Manholes covered (steel plate) – observed	<input checked="" type="checkbox"/>	Starter bars capped and / or protected – observed where applicable	<input checked="" type="checkbox"/>
Segregation of trades – generally well established however see general overview comments.	<input checked="" type="checkbox"/>	Pedestrian & vehicle routes established- well established across the site	<input checked="" type="checkbox"/>
Exclusion zones established – these are to be monitored and maintained.	<input checked="" type="checkbox"/>	Excavations guarded and/or fenced	<input checked="" type="checkbox"/>
USE OF MOBILE PLANT			
MEWPs in good condition / tyres OK	<input checked="" type="checkbox"/>	MEWPs clear of obstruction / holes	<input checked="" type="checkbox"/>
Operators secured in MEWP baskets	<input checked="" type="checkbox"/>	Plant refuelling OK / no leaks –	
Appropriate use fall-arrest/ restraint lanyards and anchor points – observed during the visit	<input checked="" type="checkbox"/>	Confined Spaces /diesel fumes vented	<input checked="" type="checkbox"/>
Mobile crane outriggers supported	<input checked="" type="checkbox"/>	Appropriate secondary safety systems (MEWPS)	<input checked="" type="checkbox"/>
SITE MODIFICATION WORKS			
Correct use of welding plant / gas cylinders	N/A	Correct fire extinguishers available	<input checked="" type="checkbox"/>
Fire blanket / fire watcher in place	N/A	Use of 110v portable tools	<input checked="" type="checkbox"/>
Exclusion zones established – generally well established however see general overview.	<input checked="" type="checkbox"/>	Correct genie hoist / tele-handler uses	<input checked="" type="checkbox"/>
Correct bogey uses for steel movement	<input checked="" type="checkbox"/>	Correct chain block / strop use – observed during the visit.	<input checked="" type="checkbox"/>
ACCESS & EGRESS / FALL PREVENTION / SAFETY NET INSTALLATION			
Access ladders tied off / overhung by 1m	N/A	Scaffold inspections (Scafftag)	N/A
Easi-edge installation satisfactory – (including ee engineer reports) – controlled by site managers and completed weekly dated: 14/10/19	<input checked="" type="checkbox"/>	Openings / voids covered or guarded – where applicable	<input checked="" type="checkbox"/>

Safety net inspections completed – no longer in use.	N/A	Safety nets in place under work area(s)	N/A
Safety nets in date / secure / no gaps – No nets now up. These are now all being removed by Manchette.	N/A	Safe unloading systems established – observed dated 05/08/19 see general comments No:3	✓
Net Claw/hook/rope securely in place	N/A	Appropriate Tools tethered at height or edges – well managed by operators on site all observed correct during the visit	✓
WELFARE FACILITIES			
Hot & cold running water / hand towels – on site facilities are very good	✓	Toilet facilities satisfactory – the have removed the facilities at the far end, making it difficult for operators in this area.	✓
Drying room facilities satisfactory - very good	✓	Canteen facilities satisfactory – good	✓
Public interface satisfactory – well observed and in place	✓	Lighting – additional lighting now in place on both levels.	✓
HOUSEKEEPING / STORAGE & ENVIRONMENTAL			
Material storage satisfactory – lay down areas are sufficient.	✓	Spill kit(s) available – item as per refuelling above. See general comments No: 7	✓
Diesel refuelling / storage satisfactory	✓	Mobile Plant and pedestrian clearance – space is becoming a premium, however some exclusion zones are in place.	✓
Waste disposal arrangements satisfactory – good use of bins across site	✓	Hazardous items correctly stored and identified – generally good across the site with COSHH containers available for storage	✓
Waste segregation in place – specific segregation is in place	✓	Emergency response plans – ISG systems in place across the site	✓
Site policy and procedures in place – well controlled by ISG	✓	Paint tins and buckets - observed as per ISG sustainability compliance.	✓

PART 2: Observation – to include Health, Safety, Quality & Environment

Hazard Class	Action to be Taken –
A	Operation placed on STOP or Suspended – unacceptable risk of injury
B	Immediate action taken due to high risk present
C	Corrective action in place within 24 hours.
D	Corrective action in place within 7 days.

Item	Hazard Class	CORRECTIVE ACTION REQUIRED	Contractor/ Responsible Person	Corrective action date and sign off
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1	D	<p>Noted over a few weeks by site managers and H&S that the client is not signing off on any SSHC for completion of works.</p> <p>This still applies – also see general comments No: 1</p> <p>However phased handovers are taking place in specific zones and areas.</p>	ISG	
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Item	GENERAL COMMENTS – NOTES
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I	<p>B Turton completed the ISG safety leadership tour proforma and noted the following items.</p> <ul style="list-style-type: none"> • Ground conditions externally were very wet and must be monitored for suitability by ISG • Note good use of PPE compliance • Discussed crane locations • Task lighting was ok for BSL operators. • Storage of steel work • K Jamieson also noted on the BSL MSOR that ISG are still not signing the SSHC. • M Bywater noted on the weekly BSL H&S inspection that other trades still continue to walk through exclusion zones.
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2	<p>Evidence and representative samples of operator training:</p> <p>Bjorn van der casteele – Wisconco Mobile crane operator – expiry 18/04/21</p> <p>S Best – MCL painter – IPAF expiry 29/02/24 – ECITB – expiry 28/10/19 MB to confirm retraining and certification.</p>
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PAT:

MB now has to submit weekly returns via ISG internal reporting system, below is a snap shot of items checked in date for PAT serviceability.



LIFTING EQUIPMENT/TOOLS

	Material	Type of Equipment	Internal Reference	DATE Inter. Insp	DATE PAT Test NOBO	Next Insp Date
1	3 gang splitter	Electrical	WIS EXT 14	05.09.19		05.12.19
5	25m 240v extension lead	Electrical	WIS EXT 13	05.09.19		05.12.19
7	25m 240v extension lead	Electrical	WIS EXT 12	05.09.19		05.12.19
3	25m 240v extension lead	Electrical	WIS EXT 11	05.09.19		05.12.19
3	25m 240v extension lead	Electrical	WIS EXT 10	05.09.19		05.12.19
0	110v extension lead	Electrical	WIS EXT 8	05.09.19		05.12.19
1	14m 110v extension lead	Electrical	WIS EXT 7	05.09.19		05.12.19
2	14m 110v extension lead	Electrical	WIS EXT 6	05.09.19		05.12.19
3	25m 110v extension lead	Electrical	WIS EXT 5	05.09.19		05.12.19
4	25m 110v extension lead	Electrical	WIS EXT 4	05.09.19		05.12.19
5	25m 110v extension lead	Electrical	WIS EXT 3	05.09.19		05.12.19
6	25m 110v extension lead	Electrical	WIS EXT 2	05.09.19		05.12.19
7	25m 110v extension lead	Electrical	WIS EXT 1	05.09.19		05.12.19

4	<p>LRMA,s continue to be a focus, and most are submitted daily into BSL and weekly into ISG, these are often not signed off by the client.</p>
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5 **Representative sample of Harness and lanyards across the site: 13 operators on the site in use**
 N Sambrook – Wisconco – harness No: 17534336 – Lanyard – 100901079 & 256271
 G Barns – Wisconco – harness No: 100874657 – Double Lanyard – 100909279
 Z Dunwell – MAB – harness No: 0821 – Lanyard – 0873
 A James – MAB – harness No: 20775070/00 – Lanyard – 1805039

6 **Representative list of all current plant on the site: Total of 32 pieces of plant and equipment onsite**
 All items are managed on site by Colle who have an office on site, 3 monthly inspections are ISG expectations. Controlled by the BSL H&S manager.
All items OOD are currently being dealt with and in hand with MB.

Week/Day	ID N°	Plant Type	Location	Plant owner / Hire	CE Mark	User manual st Of Thorough Examination Road T	Manuf. Year	Serial number	Make/Model	NOBO Control Cy	40BO Control date	test expir dat	Team/Proj
	43892949	Cranes	BL4 External Duct	Aertsen		https://drive.google.com/open?id=1HhC0uWvUdU70nqF-Fm	2016	43892949	h-Mantouvo GPK4	Vincotte	01/02/2019	01/02/2020	GBL4
	436586	Cranes	BL4 Mast Road	Aertsen		https://drive.google.com/open?id=110GjUvPzF3U0U5G4	2016	436586	Spining SK185-A14	Vincotte	01/02/2019	01/02/2020	GBL4
	4545504	Forklift	GBL4 DC level 1	VISCONCO		https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2016	768671	MHT9030	Vincotte	23/07/2019	23/07/2019	GBL4
	4545546	Forklift	GBL4 DC level 1	VISCONCO		https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2014	936701	MHT940	Vincotte	19/08/2019	19/08/2019	GBL4
	4545561	Forklift	GBL4 DC level 2	VISCONCO		https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2016	MAN0000001001418	MHT635	SGS	03/02/2019	03/02/2020	GBL4
	4515706	Forklift		VISCONCO		https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2009	00323551	ICC 2.0 TE	Vincotte	10/18/2019	10/18/2019	GBL4
	9827170	Cherry Picker	GBL4 DC level 1	VISCONCO		https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2016	101629	MANITOU 230J	SGS	14/08/2019	14/08/2019	GBL4
	9827106	Cherry Picker	GBL4 DC level 1	VISCONCO		https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2016	101647	MANITOU 230J	SGS	21/08/2019	21/08/2019	GBL4
	9827164	Cherry Picker	GBL4 DC level 1	VISCONCO		https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2017	S80M4561	GENIE S85	SGS	22/08/2019	22/08/2019	GBL4
	9827167	Cherry Picker	GBL4 DC level 1	VISCONCO		https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2016	S80M4576	GENIE S85	SGS	25/09/2019	25/09/2019	GBL4
	98162769	MEVP	GBL4 External Ed	VISCONCO		AWAITING CERT FROM COLLE							GBL4
	98162764	MEVP	GBL4 DC level 2	VISCONCO		https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2016	MN17214-66	MAGNI ES1007E	SGS	09/10/2019	09/10/2020	GBL4
	OOD	9816271240	MEVP	GBL4 DC level 2	VISCONCO	https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2019	MC19096-451	MAGNI ES1007E	Vincotte	05/07/2019	05/07/2019	GBL4
	OOD	9816271236	MEVP	GBL4 DC level 2	VISCONCO	https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2019	MC19096-446	MAGNI ES1007E	Vincotte	05/07/2019	05/07/2019	GBL4
		9816271254	MEVP	GBL4 DC level 2	VISCONCO	https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2019	MC19096-465	MAGNI ES1008E	Vincotte	17/07/2019	17/07/2019	GBL4
		9816271037	MEVP	GBL4 DC level 2	VISCONCO	https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2019	MC19096-548	MAGNI ES1007E	Vincotte	18/07/2019	18/07/2019	GBL4
		9816271037	MEVP	GBL4 DC level 2	VISCONCO	https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2016	MC180695-81	MAGNI ES1007E	Vincotte	09/10/2019	09/10/2020	GBL4
	OOD	9816271238	MEVP	GBL4 DC level 2	MCL	https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2019	MC19096-449	MAGNI ES1008E	Vincotte	03/07/2019	03/07/2019	GBL4
	OOD	9816271208	MEVP	GBL4 DC level 2	MCL	https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2019	MC19096-419	MAGNI ES1008E	Vincotte	03/07/2019	03/07/2019	GBL4
		9816271236	MEVP	GBL4 DC level 2	MCL	https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2019	MC19096-447	MAGNI ES1008E	SGS	09/10/2019	09/10/2020	GBL4
		9816251213	MEVP	GBL4 DC level 2	MCL	https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2019	MC19096-424	MAGNI ES1008E	SGS	09/10/2019	09/10/2020	GBL4
		9816271217	MEVP	GBL4 DC level 2	MCL	https://drive.google.com/open?id=1E_cVh832D0gUjPESVtUdVjW5Uz	2019	MC19096-428	MAGNI ES1008E	SGS	09/10/2019	09/10/2020	GBL4

7 **Observed during the tour that the use of plant nappies or the use of spill kits and drip trays was not clearly evident across the site.**

Item GOOD PRACTICES OBSERVED

- 1** PPE compliance across the site is generally very good – all operators must ensure that they are wearing hi-viz at all times and clear glasses when operating inside the building.
- 2** H&S team continue to attend the ISG H&S meeting for continued compliance.
- 3** Noted that all areas of working at height included all tools and equipment tethered appropriately.
- 4** All Plant had appropriate signage/information and instruction attached as per ISG compliance.

CONTRACTOR NOTIFICATIONS

A copy of this report is to be sent to ISG.