



Minutes of the Safety & Training Forum held at the iPro Stadium, Derby County Football Club, Pride Park, Derby DE24 8XL on Wednesday 8th March 2017 at 13:00pm.

Present:

Bob Speakman	Aarsleff	(In the Chair)
Andrew Carpenter	Bachy Soletanche	
Louise Pugh	Bachy Soletanche	
Philip Hines	Bachy Soletanche	
Nick Thomas	Bauer	
Colin Williams	BBGE	
Colin Newman	Central Piling	
Sam Nicola	Central Piling	
Carl Hassell	Construction Industry Training Academy	
Neal Willis	Expanded	
Ian Riley	Expanded	
Jonathan Pearson	FK Lowry Piling	
Pat McKay	FK Lowry Piling	
Alistair MacDonald	Franki Foundations	
Michael Findlay	Franki Foundations	
James Warren	Keller	
Charlie Kilkenny	Keltbray	
Mark Devitt	Keltbray	
Dean Page	Rock & Alluvium	
Liam Griffiths	Roger Bullivant	
Neil Harris	Roger Bullivant	
Gary Levers	Van Elle	

In Attendance:

Ciaran Jennings	FPS Secretariat
Kerry-Anne Hutchison	FPS Administrator

No.	Topic	Action
1.	Apologies Martin Blower (Bauer Technologies), Clare-Louise Lipinski (Cementation Skanska), Barry Rice (Murphy) and John Scannell (Murphy).	
2.	Approval of the Minutes of the meeting held on the 29th November 2016 Item 11a. Concrete Blowing Out Procedure was incorrectly appointed to Clare-Louise Lipinski; the previous minutes have been amended and attached for members' reference. The minutes of the meeting held on the 29th November 2016 were approved and seconded by Gary Levers.	
3.	Matters Arising (not covered elsewhere) a) Concrete Blowing Out Procedures Neal Willis reported that Expanded are working on a process to improve the safety of blowing out procedures and is working with other FPS Members on the issue. An interim solution has been identified that will reduce risks in many circumstances. This involves the pumping 2 cubic metres of grout through the hose to clear it, without building up	

	<p>dangerous levels of pressure. Gravity is then used to let the hose drain out the grout. This is typically useful where aggregate has caused the blockage. Typically the grout is disposed after the procedure in the same way as concrete and can be put on top of a pile where possible.</p> <p>Bob Speakman summarised that the intention is for Neal and the members collaborating on this subject to produce an addendum to the FPS Concrete Pumping Guidance. Ultimately the subject sits with the Plant Group.</p>	Plant Agd
4.	<p>Unexploded Ordinance</p> <p>The Chairman advised that he had reviewed the Pre-commencement Piling Standard and will add this into the document. He also advised that the Facilities and Attendances needed to be reviewed to check that UXO is included in these.</p> <p>The undetonated bomb found in London recently was briefly mentioned; members were advised to be cautious when using rigs on potential dangerous sites.</p>	B Speakman
5.	<p>Coroner's Report</p> <p>The EFFC Secretary informed the group that Alasdair Henderson had formally responded to the Coroner's report. A copy of the response will be circulated with these minutes. He thanked all members for their responses and advised that there was little consistency as to the best practice however there is no further action required by the FPS.</p> <p>The Chair asked if all members could review their practices and feedback to Ciaran Jennings for collation.</p>	All/FPS Secretariat
6.	<p>Terms of Reference for the Safety and Training Forum</p> <p>Phil Hines advised he will be the new representative for the Executive Committee at the Safety and Training meetings due to Martin Blower replacing Chris Primett as an EFFC Officer and reducing his commitments accordingly.</p>	
7.	<p>NVQ in Geotechnical Installation</p> <p>It was reported that the CITB shall convene a National Working Group to develop the NVQ with representatives of the industry; including non-members as per its requirements.</p> <p>Ciaran advised that George Swann is due to be co-ordinating activity on the Group and will require the FPS to identify representatives. Bob Speakman and James Warren volunteered to participate in the NWG. Ciaran advised that Hamish Campbell of BAM Ritchies was standing by to Chair the Group once it had been convened.</p>	
8.	<p>FPS Website – Published to the website</p> <p>a) Movement of Long Loads using Forks</p> <p>This document has now been published to the FPS website.</p>	
9.	<p>Guidance / Position Papers</p> <p>a) Lifting Operations on Piling Sites</p> <p>Bob Speakman advised that he was reviewing the FPS guidance as BS7012 had introduced some new requirements.</p> <p>Two points noted for consideration were the impact of medicals on crane operators, which are now required to be undertaken every 12 months. Assisted lifts have been removed and tandem lifts such as the top and tailing of cages are now considered a complex lift. These now require the appointed person in charge of the lift plan to be</p>	B Speakman

	<p>present during the lift.</p> <p>It was noted it was unclear what standard of medical is required and whether the occupational health medicals commonly carried out would suffice.</p> <p>b) GE708 Safety on Piling Sites</p> <p>Ciaran thanked all those who have submitted their reviewed chapters; he advised that there are still outstanding submissions and asked for those involved to send in at the earliest convenience. He also advised that once collated, CITB will appoint someone to look at and review.</p> <p>Colin Williams commented that the definition “cats” in his chapter on vibro piles was an exclusive term to Keller only and it was agreed to change it to top feed and bottom feed.</p>	FPS Secretariat
10.	<p>Toolbox Talks</p> <p>Colin Newman produced a presentation of Toolbox Talks which all members are asked to review (attached to these minutes).</p> <p>Phil Hines asked the question to the group whether it was felt this is still the way to learn.</p> <p>Colin Williams advised that BBGE had a media company come on site to take video footage. It was agreed the visual concept connects more to employees than written documents.</p> <p>The group strongly agreed that members should produce TBT videos and submit them to the FPS Secretariat before the next meeting. It was also agreed that the footage should not be branded with the members’ logos if possible. A BBGE video will be circulated with these minutes as an example of the format for these.</p> <p>Bob Speakman will circulate a list of topics for all to review and choose which ones they wish to produce.</p>	All/FPS Secretariat
11.	<p>Proximity Devices</p> <p>No discussion.</p>	
12.	<p>FPS Audit</p> <p>It was noted that the Claire Louise Lipinski and Nick Thomas have not yet met however will report back at the next meeting.</p> <p>The next FPS Audit will be taking place in two years’ time (2018/9).</p>	
13.	<p>Quarterly Accident and Environmental Statistics</p> <p>a) Accident Data</p> <p>Bob Speakman thanked everybody for sending in their accident statistics in a timely manner. He asked for a volunteer to assist in the analysis of the data as he was not able to dedicate the time to this task. Ian Riley agreed to do this and shall receive the data ahead of the next meeting.</p> <p>The incidents were reviewed:</p> <p>Incident 56 - the plan was to clear the blockage. Two men walked away where the third employee took it on himself to repressure the system. It was due to an operational error, the employee was ultimately dismissed as he had his full PPE (including a full face mask which was hung up on the wall next to him) but was not using it and was briefed earlier</p>	I Riley/FPS Secretariat

that morning.

Incident 66 - an employee was placing lashing chains on ground, he then walked around to the other side of the vehicle and when he came back; he tripped over the chains. The employee ultimately had surgery due to the aggravation of an old injury. This questioned whether the injury becomes RIDDOR. A back to work interview was completed however neither an occupational referral nor a formal risk assessment was carried out. This was a lesson learnt for future. It was also noted as a specified small fracture.

Incident 61 – it was noted that as this was not a LTA this should be removed from the statistics as it was not likely to be a specified injury under RIDDOR.

Incident 72 – James Warren commented that this incident occurred to a new employee and had prompted them to scrutinised new starters. Currently they are heavily supervised for four weeks with mentoring until they are happy they can operate independently. Carl Hassell believed this was good practice and pointed out there is a big difference between being trained and being competent. Ian Riley commented that Expanded have their site foreman vet agency workers owing to this issue.

Incident 67 - the employee acted against his supervisor's instructions. The worker knew the responsibilities of lone working as he had previously attended a course. The employee broke his ankle.

The Chairman commented that more ankle and feet statistics featured this quarter, as opposed to hands and fingers which are usually quite high. He also asked members to consider what footwear employees are wearing.

Incident 70 – this occurred at the Sunderland fire station where the employees were originally inducted on to site however upon return the second time they were not re-inducted and the site had changed dramatically. A piece of plywood was covering a hole to the basement and the employee was unaware what was underneath; it was explained that when he walked across the plywood he went straight through to the bottom of the hole. Barriers were then put up however the accident was not communicated to superiors. CCTV showed the accident, the barriers being erected and a spanner nearly landing on the workers head after he fell.

b) Environmental Incidents

No discussion.

c) Service Strikes

No discussion.

d) Man Hours

No discussion.

e) Safety Alerts

Nick Thomas reported that he had attended a Build UK meeting where a common format for Safety Alerts was being developed – he asked everyone to send him good examples he can share with the Build UK.

Phil Hines commented that he had only seen seven SAs from the FPS this quarter and that we need to see more of these from members.

f) Brazil Safety Issues

Colin Williams raised the issue of the supply of cages as an area that BBGE are having

FPS Secretariat

All

	<p>significant issues. These include near misses, cuts, falling materials and hand injuries. He believed it was necessary for the FPS to collectively approach Brazil, Romtech and other suppliers to address these. In discussion it was agreed that the FPS should develop a minimum standard backed by evidence. This could then be used as the basis for a discussion between the FPS Executive and steel suppliers.</p> <p>All were asked to provide data on their cage related incidents in 2016 and Mark Devitt agreed to put together a standard supported by Colin Williams and Phil Hines.</p> <p>Phil Hines commented that he is surprised by the accidents in factories and workshops as they are assumed to be safer and easier to control spaces. He requested that someone review the data to see if there were any trends in this data and circulate a sheet to those with factories or workshops to capture more information. Bob Speakman agreed to do this.</p>	<p>All/M Devitt/C Williams/P Hines</p> <p>B Speakman</p>
14.	<p>Environmental Matters</p> <p>Colin Williams stated that they had seen issues with the surface water run-off from the working platforms, especially after heavy rainfall. In some instances the main contractor had been slow to respond to the issue and leave it to the piling contractor to deal with. There is a danger Tremie or concrete wash-off will contaminate the ground water. The Chairman asked all to be mindful that this is a main contractor responsibility but that there could be consequences for the piling contractor if the main contractor does not meet these obligations.</p>	
15.	<p>Occupational Health and Wellbeing in Piling</p> <p>Ciaran advised that Steve Hadley was taking the lead on this for the Executive Committee. Steve is attending the Build UK group where there are varied attitudes. As a result the issue has not been moved on by the Build UK group and seems to be badly stalled. As a result it was agreed at the last Quarterly that the FPS would define a minimum standard for Occupational Health on the measures that are commonly in place among members. He would also produce a position paper that sets out the more challenging areas where the FPS want to change the industry but are not yet in a place to set an auditable standard.</p> <p>Some of the challenging areas that have been discussed include addressing shift patterns to reduce travel times and mental health. Colin Williams directed all to look at the Mates in Mind website as this had good mental health videos. https://www.matesinmind.org/</p> <p>Updates from Build UK and FPS activity will be provided by Steve Hadley on the topic.</p>	
16.	<p>FPS Sustainability Forum</p> <p>No discussion.</p>	
17.	<p>Reports</p> <p>a) FPS Plant Group</p> <p>Gary Levers reported that Steve Ako from the FPS Plant group delivered a presentation on the methodology Bachy have when rod handling. Videos were shown that demonstrated a mechanised rod handler fitted to an excavator rated for the loads it would be manipulating. Phil Hines invited everyone to contribute to the FPS effort to find standardised solutions that all can use to reduce hand injuries.</p> <p>The videos and presentation can be seen here: http://bit.ly/2nXiGEA http://bit.ly/2o9cFlz</p>	

<http://bit.ly/2nrSW29>

Carl Hassell advised that the CPA is working on guidance that will cover the handling of augers and rods. Carl will circulate it once it becomes available.

C Hassell

b) Build UK Health and Safety Committee

The Meeting of the Committee was happening at the same time as the Safety & Training meeting therefore a report will need to be circulated after the meeting.

c) Build UK Common Training Standards Task Group

Claire Louise Lipinski to report.

CL Lipinski

d) CPCS Management Committee

Carl Hassell advised the group he had attended the 56th meeting held on 8th December 2016. He reported that an attempt had been made to harmonise CPCS with European schemes for cranes, but this had made no progress in 18 months. The idea of a temporary CPCS card has been suggested for people coming to work in the UK.

It was decided that another meeting is to take place to form a brainstorming session. Ciaran advised that the EFFC is still seeking funding from the EU to fund a project on achieving mutual recognition for piling rig operators qualifications. The EFFC are also attempting to create a bottom up approach by looking to define a standard that can be used in each country to develop qualifications that will be comparable.

C Hassell

Colin Williams commented that the civil engineering sector use NARIC to cross map qualifications against UK ones, but the CPCS card is too narrow for this work. Bob Speakman said that NARIC would do this the NVQs in the UK that back the CPCS card.

Carl advised that the CPCS Management Committee have implemented a new assessment strategy to prevent people using the CECA route. He also reported that CPCS are working on developing digital log-books which may be a useful means to improve their use in the industry. Carl committed to circulating a best practice document on use of log books for all to refer to.

C Hassell

Ian Riley mentioned that he had encountered an issue where CPCS cards had expired and the reissue had been affected by a two week backlog in issuing the new card.

It was further reported that:

- Smart Cards are on hold for now, while the CPCS ownership issue is resolved
- High failure rates are being reported on Tower Crane and Crawler Crane assessments
- There have been calls for Forward Tipping Dumpers to be banned following five fatalities.
- The sale of CPCS is no further forward and they have not met with any potential buyers.

Colin mentioned that Mick Norton had been raising issues relating to the question bank for singer signaller duties in relation to piling. Currently slinger signaller is being endorsed for five categories and there is a high failure rate. Carl Hassell agreed that Mick had raised some valid issues and the CPCS test questions for piling rigs and the NOS for piling should be reviewed. It was agreed the CITB should be contacted about reconvening the National Working Group to review this.

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e) National Specialist Accredited Centre

	<p>The Secretary advised that he will speak to Alan Weymss regarding FPS NSAC representation.</p> <p>f) EFFC Health and Safety Working Group</p> <ul style="list-style-type: none"> • Accident Investigation Training <p>It was reported on Thursday 16th March the EFFC H&S working group are holding an event on root cause analysis of accidents. It is a free workshop and if members are interested for future workshops; please contact the FPS Secretariat.</p>	FPS Secretariat
18.	<p>Training and Qualifications</p> <p>a) SSTP Scheme Registration</p> <p>The SSTP Scheme Registration window has formally closed. All are encouraged to use the scheme as it gives double grant on FPS provided training. More courses can be added and should be suggested, for example the Plant Group may wish to put a course on hydraulic pressure systems on to the scheme.</p> <p>b) CPCS Piling Rig Attendant</p> <p>Grandfather rights have now ended, if member's employees have missed out; the next course of action will be to go through the CPCS card renewal where employees will undertake an NVQ assessment.</p> <p>c) Two Day Supervisors Course</p> <p>The Secretary reported that he had an outstanding action to contact Geoff Birch to get a cost from him to review the existing course.</p> <p>d) NVQ Level 3 Occupational Work Supervision</p> <p>Ciaran reported that the NVQ Level 3 Diploma in Occupational Work Supervision is commencing on Friday 7th April and Friday 21st April 2017. The FPS Administrator has now emailed all members to put forward candidates.</p> <p>e) One Day Safety Awareness Course</p> <p>Cementation Skanska have hosted the course for two years now and if any members are interested in placing candidates on the course; please contact the FPS Secretariat for more information. This course was eligible for the double CITB grant.</p> <p>f) Apprenticeship Scheme (Including Trailblazer)</p> <p>Ciaran reported the Trailblazer standards and end point assessment has been approved by the government. It will be assessed by FPS Assessors following the EQA process. There is still debate whether CITB will provide the EQA process in partnership with FPS; or if it will be coordinated directly with the FPS.</p> <p>It was noted the National Training College of Construction is being spoken to about delivering the apprenticeship. This will require them to be the lead provider with members' delivering individual modules on a similar basis to the current SAP scheme.</p> <p>The FPS Apprenticeship scheme will be live in September 2017. Funding is currently £6k which the Trailblazer development group are seeking to raise to a £15k cap; Ciaran is confident it will be increased to £11-12k.</p> <p>All members are asked to provide details of assessors they can put up for use on carrying out the End Point Assessment. Their time for providing this will be reimbursed. Please submit details as soon as possible. It was noted that members can only be involved at the</p>	<p>All</p> <p>FPS Secretariat</p> <p>All</p> <p>All</p>

	<p>end point or initial training, not both. The trainer cannot end assess due to conflict of interest.</p> <p>It had been requested that the Highway qualification for vehicle marshalling is introduced into module 12 of the FPS Apprenticeship scheme. It was requested that more information is sought to understand why the member concerned wants this incorporated.</p>	<p>FPS Secretariat</p>
<p>19.</p>	<p>Any Other Business</p> <p>Ciaran reminded all that a part of the membership conditions is to attend a minimum of two meetings per annum.</p> <p>The Learning and Development group currently sits with Alasdair Henderson. It was decided that approximately 6 or so people from a professional group will be formed in order to set a direction and strategy. This may then form working groups to tackle specific issues.</p> <p>Gary Levers reported that they had had a number of visits from the HSE on site who had been interested in the static drums and guarding for CFA rigs.</p>	
	<p>Dates of 2017 Meetings:</p> <p>All meetings will be held at the Derby Conference Centre, London Road, Alvaston, Derby, DE24 8UX.</p> <p>Thursday 1st June 2017 at 10:00am</p> <p>Wednesday 26th July 2017 at 13:00pm</p> <p>Tuesday 28th November 2017 at 10:00am</p>	