

## MINUTES OF A PLANT SAFETY GROUP MEETING

**Date:** Tuesday 17<sup>th</sup> November 2015

**Time:** 10:30am

**Location:** Roger Bullivant Limited, Walton Road, Drakelow, Burton-Upon-Trent, DE15 9UA

<b>PRESENT:</b>	Martin Cane	Aarsleff
	Mark Lee	ABI
	Philip Hines	Bachy Soletanche
	Keith Bolton	Bachy Soletanche
	Graeme McWhirte	Bauer Equipment
	Les Hall	Bauer Equipment
	Scott Reynolds	BBGE
	Brian Maxwell	BBGE
	Michael Finch	Casagrande
	Richard Nichols	Expanded
	Pat McKay	FK Lowry
	Brian Kellaheer	Keller
	Mark West	Liebherr
	Jim Unsworth	Martello
	Neil Harris	Roger Bullivant
	Mark Nelson	Soilmec

**In the Chair:** Steve Joynson                      Cementation Skanska

No	TOPIC	ACTION
1	<b>APOLOGIES FOR ABSENCE</b>	
	Apologies had been received from Damian Shepherd (Premier Concrete Pumping), Gary Levers (Van Elle), Lee Cain, (Keltbray), Steve Ako (Bachy Soletanche), Andrew Eggesden (Bachy Soletanche), Ciaran Jennings (FPS Secretary) and Caroline Kratz (FPS Secretariat).	
2	<b>MINUTES OF THE LAST MEETING</b>	
	<p>It was noted corrections were required to Item 6d (SA189- Track Tensioning and Maintenance) in the minutes of 8<sup>th</sup> September 2015, as outlined below;</p> <p><i>It was noted the machine in question was nine months old.</i></p> <p><i>Mark Nelson has since presented to the Group a feedback letter from Berco. Mark commented that FK Lowry could not release the grease valve from the incident in July 2015 for inspection/testing and this made it difficult for Berco to issue a more in depth report.</i></p> <p>With the amendment of this error the minutes were accepted.</p>	
3	<b>MATTERS ARISING</b>	
	<p>a) <b>Innovation in rig technology and design</b> Associate Members were asked to report on innovations and modern technologies which are becoming available in rigs.</p> <p>Michael Finch reported that Casagrande rigs were incorporating rig guarding and the use of radar, whereas Mark Nelson commented that Soilmec rigs were focusing on GPS positioning. This is currently being looked at by Jean Lutz.</p> <p>Neil Harris suggested that remote operated machinery was being used in the EU on a wider scale. It was noted that the safety and productive aspects of this operation are</p>	

	<p>extremely positive.</p> <p>In addition, all manufacturers were looking at remote operation of larger piling rigs for loading and offloading.</p>	
<b>4</b>	<b>GUIDANCE IN DEVELOPMENT</b>	
<b>a)</b>	<p><b>Movement of Sheet Piles</b> Following the last meeting, it was noted that Phil Hines is addressing the content of the guidance to make it into a best practice document, rather than a minimum standard.</p> <p>No additional comments were reported.</p>	
<b>b)</b>	<p><b>Safety Alert on Asbestos in the Working Platform</b></p> <p>It was reported that the Keltbray had previously produced a Safety Alert on this issue which included a series of questions for piling contractors to ask in order to ensure the working platform is free of asbestos. The Safety &amp; Training Forum had asked Keltbray to provide the answers that contractors should be seeking to these questions. It is intended this is completed for the next meeting.</p>	
<b>c)</b>	<p><b>PUWER</b> It was noted Ciaran Jennings should liaise with Keith Banton, BDA Secretary to confirm their position on 16228, before the guidance is finalised.</p>	<b>Secretary</b>
<b>d)</b>	<p><b>Concrete Pumping Best Practise Guidance</b> This document is awaiting approval from the FPS Executive Committee. Once approved, the document will be made available on the FPS website.</p>	<b>Secretary</b>
<b>5.</b>	<b>SAFE PREPARATION AND LOADING OF TOOLING GUIDANCE</b>	
	<p>It was noted Keith Bolton is currently awaiting feedback from hauliers on the guidance. Once received, feedback will be sent to Mark Lee to incorporate into the guidance.</p> <p>In addition, Graeme McWhirter commented that the guidance seems to have little input regarding ground engineering equipment. It was noted the guidance could be published but have a separate chapter added at a later date.</p> <p>Any additional comments regarding the guidance should be issued to Mark Lee by Tuesday 1<sup>st</sup> December by emailing mark@abi-eqp.com</p>	<b>ALL</b>
<b>6.</b>	<b>Safety Alerts</b>	
<b>a)</b>	<p><b>SA186- Plant and Pedestrian Interface</b> No recorded comment.</p>	
<b>b)</b>	<p><b>SA187- Struck by Falling Clay</b> No recorded comment.</p>	
<b>c)</b>	<p><b>SA188- Pile Cage Ring Failure</b> No recorded comment.</p>	
<b>d)</b>	<p><b>SA189- M3 Fatal Injury Briefing</b></p>	

	No recorded comment.	
e)	<b>SA190- LV Capped End Flashover</b> No recorded comment.	
f)	<b>SA191- Haki Stairs Fractures</b> No recorded comment.	
g)	<b>SA192- Safe Working with Skips</b> No recorded comment.	
h)	<p><b>SA189 – Track Tension</b></p> <p>Following the last meeting, it was suggested the response from Berco in their letter dated 28<sup>th</sup> August 2015 was inadequate, as the reply in section one referred to Berco carryout a test of a 1000bar to two grease valves AT34 and AT35. They only reported the fact that there did not appear to be a problem or a failure.</p> <p>In section 2 of the letter Berco reported carrying out other tests. It was noted that Mark Nelson was unsure of the test but agreed to go back to Berco and request additional information.</p> <p>Following the incident, Mark Nelson informed the Group that Soilmec were fitting a modification to all new machines. This offset inspection plate will allow maintenance to be carried out without the person coming into direct contact with the grease valve while adjusting the tracks.</p> <p>The Group commented that whilst it was positive that new machines were being fitted with this modification, there is still a risk of a similar incident happening again, as there are a number of machines used within the industry with no secondary protection during maintenance. It was suggested that information should go out to all of the manufacturers and piling companies within the UK making them aware of the risks associated in carrying out track adjustment maintenance and stress that the manufacturer's maintenance procedures should always be followed.</p> <p>Mark Nelson reported Soilmec sell a substantial number of grease valves and now ask customers why they require them. Comments received are recorded. Soilmec agreed to pass on information as to causation of this incident when it became available.</p>	<p><b>M Nelson</b></p> <p><b>M Nelson</b></p>
<b>6.</b>	<b>RIG BEARING PRESSURE SPREADSHEETS</b>	
	<p>It was noted that Derek Egan (Remedy Geotechnics) had been selected to revise the rig bearing pressure spreadsheets.</p> <p>A spreadsheet draft has been circulated to the Technical, Plant and Safety and Training Forum, and will be discussed during the next Technical Committee meeting which is taking place on Thursday 26<sup>th</sup> November. Steve Ako and Neil Harris are expected to attend.</p> <p>It was felt that training on the spreadsheets for engineers will be available to the Membership in 2016.</p>	
<b>7.</b>	<b>BIM MODELS / INSTRUMENTATION</b>	
	The FPS BIM group has been inactive for a few months as it has completed its work programme. They are reporting that there has not as yet been a big call from main	

	<p>contractors for BIM compliance. This is expected to change soon and BuildUK (NSCC &amp; UKCG) are planning on setting up a BIM group in the new year to agree an industry strategy.</p> <p>At European level the EFFC are seeking to influence BIM through exploring whether collaborative working and safety standards can be integrated into its adoption.</p>	
<b>8.</b>	<b>COMPRESSOR FITTINGS POSITION PAPER</b>	
	<p>This paper needs approval from the Executive Committee, the Secretary will chase this.</p>	<b>Secretary</b>
<b>9.</b>	<b>MUTUAL RECOGNITION OF RIG DRIVER QUALIFICATIONS</b>	
<b>a)/b)</b>	<p><b>European Card Schemes</b></p> <p>The EFFC is working with FIEC (the EU trade association for main contractors) to initiate a project that looks at the issue of mutual recognition of rig operator standards. This will seek to define a minimum acceptable standard and have it recognised within the various qualifications and training courses that are used across Europe.</p> <p>The first step in the project is to quantify the size of the problem and build the evidence for consideration.</p> <p>The Chair requested for Members to share problems relating to site access and recognition of qualifications with the Secretary, outlining what impact they have had on their business.</p> <p>Members are requested to email all comments to Ciaran Jennings on <a href="mailto:fps@fps.org.uk">fps@fps.org.uk</a> at their earliest convenience.</p>	<b>ALL</b>
<b>11.</b>	<b>ENVIRONMENTAL ISSUES /TRENDS</b>	
<b>a)</b>	<p><b>Disconnected Hoses</b></p> <p>Analysis of the environmental incidents reported by Members has shown a significant number of leaks resulting from the disconnection of hoses. These have largely been oil leaks and concrete wash-out. The Safety &amp; Training Forum are therefore looking to share practices in order to help minimise the incidence and impact of spills.</p> <p>Members were requested to email processes and procedures regarding concrete wash off and disconnected hoses to Ciaran Jennings on <a href="mailto:fps@fps.org.uk">fps@fps.org.uk</a> at their earliest convenience.</p>	<b>ALL</b>
<b>11.</b>	<b>REPORT AS NECESSARY</b>	
<b>a)</b>	<p><b>FPS Safety &amp; Training Forum</b></p> <p>The Group discussed the FPS Audit which is in the process of being reviewed. Any suggested feedback should be emailed to Ciaran Jennings on <a href="mailto:fps@fps.org.uk">fps@fps.org.uk</a></p> <p>In addition, Members discussed the possibility of an FPS Training Academy. This idea was positively received by Members.</p> <p>The Group discussed what types of training could be covered, and whether they would be any specific operator training covered, such as machine specific familiarisation courses. It was felt this could be of benefit to the industry.</p> <p>It was suggested that rig manufactures could support the FPS with training and hold individual training courses focusing on brand specific machinery, ie. Soilmec, Casagrande, Bauer Equipment etc.</p>	<b>ALL</b>

	The Group also discussed the possibility of apprentices training as machine operators rather than piling operators. It was felt this would be a positive step.	
<b>13.</b>	<b>ASSOCIATE MEMBERS DISCUSSION POINTS AND ISSUES</b>	
	None were raised.	
<b>14.</b>	<b>ANY OTHER BUSINESS</b>	
	<p>Keith Bolton reported that CEN/TC 151 WG3 – responsible for the rig standard EN16228 are holding a meeting in April 2016, therefore comments should be put forward for inclusion prior to the meeting.</p> <p>It was agreed a small working group consisting of Brian Kellaheer, Neil Harris and Jim Unsworth will be formed and meet prior to Christmas to discuss the standard.</p> <p>In addition, Graeme McWhirter commented that Bauer Equipment have a presentation available on tool use in specific ground conditions. Members who would like the presentation should email <a href="mailto:graeme.mcwhirter@bauer.de">graeme.mcwhirter@bauer.de</a></p>	<p><b>Brian Kellaheer, Neil Harris, Jim Unsworth</b></p> <p><b>ALL</b></p>
<b>14.</b>	<b>DATES OF 2016 MEETINGS</b>	
	<p>Tuesday 8th March - 10am  Tuesday 17th May – 1.30pm  Tuesday 13th September - 10am  Tuesday 29th November – 1.30pm</p> <p><b>All meetings will be held at the Derby Conference Centre, London Road, Alvaston, Derby, DE24 8UX.</b></p>	