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AARSLEFF

Aarsleff

ISSUE NO.14

JULY/AUGUST 2019
STAFF NEWSLETTER



WELCOME

Welcome to Aarsleff Ground Engineering's newsletter.

Driven Precast Piling, Bicker, Triton Knoll

I would like to open by welcoming Graduate Civil Engineer, Samuel Saul, and placement student Henry Lewis-Borrell back to Aarsleff after their previous work placements with us in 2018. It is great to see the young and upcoming talent joining Aarsleff. And the fact that they are returning to us also says a lot of great things about the culture we have developed here.

As I have discussed in previous newsletters and Staff Chat meetings this year; there are still many uncertainties in the everchanging market, and we are facing a lot more competition than we have ever had before. These challenges call for resilience with a continual focus on our pipeline. We have successfully been awarded our first compaction grouting job in Farnborough and the piling project for a new shed at Bowburn, Durham, where we will be working with ISG on new opportunities within other countries – but there are still key milestones for decisions for upcoming projects, so we need to be sure we are all contributing and aiming for success.

It is key that everyone needs to go the extra mile to ensure our work is completed to our client's satisfaction, maximise on every opportunity and embrace change that we need in

order to survive. In this uncertain time, I need everyone to commit to winning projects, delivering them to the high quality we continue to promote, and all with a strong focus on collaboration and communication.

I know we are excellent at what we do, and don't just take my word on that. We won 'Civil Engineering Project of the Year' for our work at Riverside Rochdale and received a highly commended for our people development skills in this year's East Midlands Celebration Construction Awards. We also received two highly commended awards for 'Employer of the Year' and 'Large Business of the Year' in the Newark Business Awards 2019, with our design manager Ash Rogers winning 'Employee of the Year'. We have received a Gold Award for the second year in a row in the Internationally renowned RoSPA Health and Safety awards. We have been profiled as leaders in technology with our Virtual Reality Ground Engineering application.

We are good at what we do, but we need to work together, focus on the pipeline and commitment to winning work, and continue to be resilient for the future changes as an organisation.



...Kevin Hague,
Managing Director



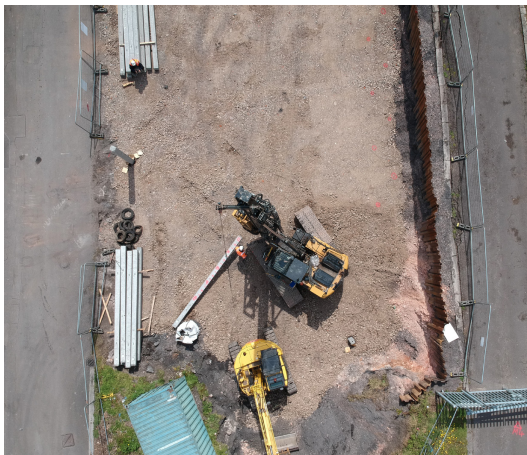
Photobooth

Every issue we ask you to send in your Aarsleff pictures on-site or at home and the best of these are then published in here. If you'd like to be featured, grab your camera and get snapping!

Send your best photos to:
harrisonmarshall-lack@arsleff.co.uk

FLEET UPDATE

The Plant Department has been busy testing its second grout batching station on site in Leeds. Both batching stations have been designed and built in house to be used on Aarsleff's Drilling & Grouting projects across the country. The first station was built and launched earlier this year, with the second batching station having several improvements on the original design. Both stations hope to maximise efficiency whilst not compromising the ease of operation or maintenance.



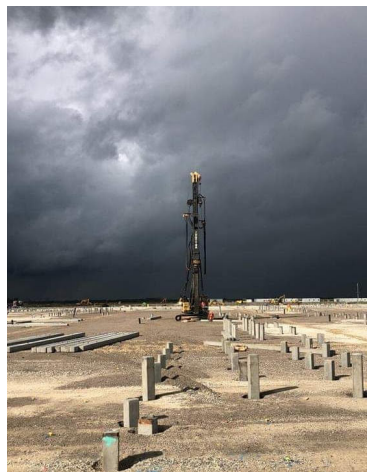
DPC, Pentre - **Sam Riley**



King Post Wall, Clay Cross - **Jim Wilson**



Drilling & Grouting, Gildersome - **Chris Purvis**



DPC, Bicker, Triton Knoll - **Brian Dick**

CHARITY CORNER

Throughout May, June and July, Aarsleff Ground Engineering have chosen to support Equinox, a charity created by Sarah and Paul Mullen from Bessacarr, Doncaster. This year, Aarsleff Ground Engineering sponsored the charities renowned 'Equinox Ball' - an annual event raising money for local cancer charity 'Firefly Cancer Awareness and Support' and also 'Cancer Research UK'.

Aarsleff sponsored the fireworks display at the Equinox 'Bring your Breastie' event on May 17th at Bawtry Hall in Doncaster. Sparks flew as the 'Aarsleff' company name was lit up for all to see - with each individual letter built on a framework using small specially designed fireworks called lances. Each lance was hand pressed and filled to burn for approximately sixty seconds!



Aarsleff have made a donation to the Absolute Civil Engineering team who are undertaking the 'Coast to Coast' charity bike ride this month, raising money for Alzheimer's Society, Epilepsy Action, Willow Burn Hospice and Youth Homeless North East.

The ACE team will start their bike ride in Whitehaven, with the route taking them across the Lake District and finishing at St Mary's Lighthouse in Whitley Bay, Newcastle.

We want to wish them the best of luck on their cycle!



DPC, Stockley West London - **Richard Judd**



Sheet Piling, Kings Lynn - **Vasil Dilov**

>> CHECK OUT MORE PROJECT COVERAGE ON WWW.AARSLEFF.CO.UK



SAFETY. TRAINING ENVIRONMENT QUALITY



... Robert Speakman,
STEQ Manager

Whilst we retain our focus on pipeline, delivery, going the extra mile and maximising opportunities we must continue to do this with health & safety leading our decisions and behaviours.

Our current accident performance is excellent and to be commended. In fact its better than that and we need to keep it that way.

As a combined effort, Aarsleff and Centrum have reduced their Lost Time Accident Rate (LTAR) by 35%. Aarsleff have achieved a 12% reduction and Centrum a massive 64% - yes a massive 64% reduction.

Centrum have now worked the whole of this financial year to date without a single lost time accident. That's 90,000 working hours. Closely followed by Aarsleff with 70,000 hours worked since their lost time accident.

This is a fantastic achievement and we should all praise our efforts and continue to make the company the safest it can be.

Since the last newsletter, the newly formed WorkSafe Committee has met for the first time. Representatives from all areas of the business gathered and discussed all things that matter to you. Recognising we can't achieve everything overnight, a set of key actions have been put in place and summarised below.

The WorkSafe Committee is there for everyone to get involved, you don't have to be a direct representative attending the meetings, just speak to your representative. They should certainly be speaking to you. Sharing the discussions we had and spreading the outcomes whilst listening to your issues. Our next meeting is already in the calendar in September but we don't stop. We keep plugging away and trying to improve, every day. Something is working as you can see above, lets keep up the momentum.

WorkSafe Committee Members 2019

Kevin Hague (KH)	Managing Director
Gary McDermott (GM)	Piling
Vasil Dilov (VD)	SRW
Iain Landsborough (IL)	GEO
R Speakman (RS) & I White (IW)	STEQ
Luke Hemingway (LH)	Plant
Jack Maggs (JM)	Centrum
Harrison Marshall-Lack (HML)	Office

Key Actions	Responsible WorkSafe Person	Responsible Management Person
Publicise the WorkSafe Committee / produce policy / commitment statement etc	HML/RS	R Speakman
Improve Welfare – set minimum standards, obtain management commitment, review project planning stage, review fixed location welfare	ALL	J Parkin
Working At Height – access to rig on low loader to be improved	GM/LH	S Wilkinson
Dust in Centrum yard to be improved	JM	E Walsh
Improve miss-use of mobile phones on site	IW/HML	
Improve PPE – Next order will be new garments	RS	J Parkin
Site stores stock control	VD	J Wilson
Encourage use of Near Miss report cards	ALL	ALL



BESAFE

WORKSAFE

AARSAFE



AarSTAR of the month



The 'Star of the Month' feature is to celebrate members of our company who have gone above and beyond expectations and deserve to be recognised and thanked for their achievements. This month we would like to congratulate...



Richard Hoe



I would like to nominate Richard for his continuous commitment within the business over the past several months. He has put a lot of effort in the cost cutting activities we have been doing, along with showing a positive and proactive attitude towards the development of the new ERP system and transition from eXchequer to Microsoft Dynamics NAV system for Aarsleff Ground Engineering. His enthusiasm towards the adoption of new technology and smarter efficiencies has been great to see, along with supporting his colleagues and the businesses financing.



...Kevin Hague, Managing Director

If you would like to commend a member of staff for our next newsletter please send through your nomination and the reasons why to harrisonmarshall-lack@arsleff.co.uk



Centred around Centrum

You will all be aware of the reduced levels of activity within the Ground Beam division including the factory at Tuxford. Despite its best efforts, the Company has been unable to achieve the annual sales forecast. This situation has been the case for some time now and the business is suffering significant and consistent losses which can no longer be sustained.

The UK Senior Leadership Team have reviewed all systems and staffing - one outcome of the review is that the Centrum factory at Tuxford will be closed and the Aarsleff Ground Beam operations in the UK will cease.

The Centrum Tuxford employees were made redundant and the factory units at Tuxford were emptied at the end of May, I am pleased to say however that all employees found new jobs to go to immediately after finishing their notice period.

Two agency employees have been retained to enable beams to be delivered from stock at Tuxford, and I am further pleased to say that these two also have jobs to go to immediately after all beams have been despatched which is envisaged to be before our financial year end.

With regards to the remaining beam demand that is not cast and in stock at Tuxford, we have engaged with another pre-caster to cast these on our behalf. This ensures that all existing projects and contracts for all customers will be honoured and delivered in full.

I would like to take this opportunity to thank those involved in the Ground Beam division of the business for their effort and commitment shown for the operational period but also for their professionalism during the disposal process.



Paul Pendleton,
General Manager

From the HR desk...

Aarsleff Ground Engineering Ltd and Centrum Pile Ltd are in a process of change management, moving our business model from centralised inhouse delivery of services such as Reception Call Handling, HR services and other functions; to a business model of focus on the Operational Delivery of our Services to our customers. By moving our focus from day to day in house services it allows us the time to provide a higher standard of customer care to our clients, dealing with their needs and requirements.

You will already have seen this in operation with Money Penny now handling all our calls from outside of the business. You can help make this service more cost effective and efficient in a couple of easy ways, put into your phone all phone numbers of your colleagues both mobile and desk phones, (a phone list is readily available on the General drive and is regularly updated, but if you need one please ask Nicola) into your mobile and ring colleagues directly – it is now time for our colleagues to stop using the main 01636 611140 number and having your call transferred by the out sourcing company to a colleague – this action by you has a cost and also might be preventing a customer contacting the company – so the message is Please Ring Direct, so we get the most of the service put in place.

Other outsourcing ideas are being investigated, developed and due diligence applied – these will be communicated and rolled out to us all over the forthcoming weeks and have a number of direct benefits for every employee whatever you do in our business – I am looking forward to and excited about sharing these with you on my return from holiday.

Happy Safe Relaxing holidays to you all as you take them, come back refreshed and ready for positive action.



...Heather Jones,
Business & HR Manager

IT & Network

Maintaining your computer - There are a few things you can do to help keep your computers operating efficiently.

Restart your computer once a week. Windows 10 uses a special method to turn on quickly and this means that turning off your computer does not fully reset the computer as you would assume. Instead restart it by clicking the "Restart" option instead of "Shutdown"

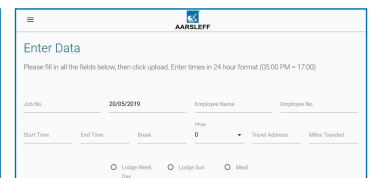
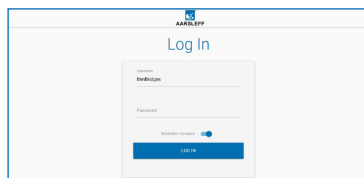
Do not save documents to your Desktop. The Desktop is a special "folder" which can negatively affect performance, especially start up when large files are stored there. Also these files are not backed up in anyway by our systems, they should always be saved on the Sharepoint or Network Drives.

...Simon Pick, IT & Network Supervisor

Timesheet web-app

Aarsleff's new timesheet web app for its site operatives is now live, replacing the need to print and post timesheets.

The new progressive-website app will allow operatives to record their hours from anywhere with an internet connection and at the press of a button. The app allows site operatives to record their weekly hours from their mobile phones, replacing the previous method of printing and posting timesheets back and forth between project sites and Aarsleff's head office in Newark.



Spotlight on Compaction Grouting



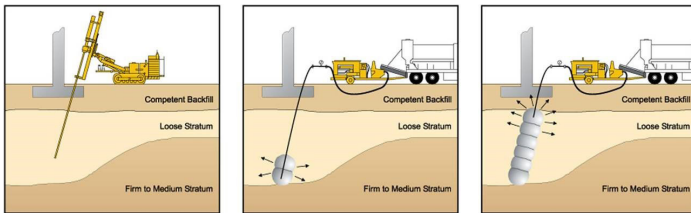
Dan Adams,
Senior Geotechnical
Consultant

As you may be aware (or not), we have recently secured a compaction grouting job to improve soils beneath an existing reinforced concrete slab as part of a redevelopment of a 1970's warehouse. But what is compaction grouting.....?

Principles of Compaction Grouting

Compaction grouting is a process employed for increasing the density of the soil by injecting a stiff, mortar-like grout under high pressure through cased boreholes. The grouting is usually carried out bottom-up, in successive stages of about 1m.

As the grout is pumped in, it gradually forms a bulb which pushes the surrounding soil to the side, thereby increasing the relative density of the soil. The degree of densification depends on the type of soil treated and the grid pattern for the injection points. Injection rates generally vary from 4 to 6m³ per hour, reducing to 2m³ per hour in particularly sensitive conditions. Injection pressure is generally in the range of 1 to 4MPa.



Applications

Compaction grouting is used for treating a wide variety of loose soils, with relatively good drainage. Compaction grouting can be performed at depths ranging from 2m, right down to several tens of meters.

The work can be carried out from the surface, from an existing basement or locations with limited headroom. It is also possible to drill through hard material to gain access for treatment of low strength strata beneath.

The Grout Material

The mortar must meet the following requirements:

- it must be pumpable
- it must not cause soil fracturing
- it must not "bind up" leading to refusal of grout before the injection process is complete.

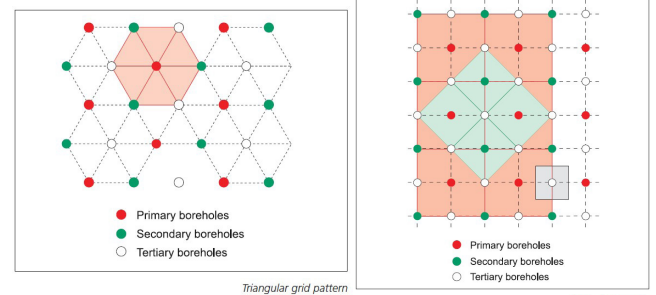
The grout must therefore have an appropriate slump and grading. The main constituent is a sandy material, often with added fines (cement, fillers, etc.). The usual slump value is circa 100mm.

Process parameters

The key parameters for compaction grouting are the grid pattern, the injection pressure and the grout take.

Grid pattern

The grid pattern is devised such that each drill hole nominally treats a given area in plan.



The grid can be square or triangular and generally makes the distinction between primary and secondary (and sometimes tertiary) holes. The grid is determined by the type of treatment required (localized or en masse) and the radius of influence (Ri).

The radius of influence is the distance from the centre of the drill hole to the furthest point at which there is a change of void ratio as a result of the treatment.

Injection pressure

The injection pressure is dependent on the specific site conditions: presence of buildings, civil engineering structures, open site, treatment depths, etc. Pressure is prescribed by depth in stages at 1 bar (100kPa) per meter of depth measured from the bottom of the stage.

Most compaction grouting is performed using grid patterns of 4 to 9m² with grout take varying from 2 to 6%. In the particular case of sinkholes, grout takes are highly variable and have been known to be as high as 14%.

The works at Farnborough will commence with a site trial to determine treatment density to achieve an end product specification, we wish Jonathan Proctor and his team every success with the works.

Aarsleff Take Home Two Awards

Aarsleff Ground Engineering have won 'Civil Engineering Project of the Year' in the East Midlands Celebrating Construction Awards 2019!

At a glittering black-tie evening meal on 10th May, 12 awards were handed out to companies for their excellence in categories from health and safety to sustainability and innovation. Aarsleff was also given a highly commended award for its entry in the 'People Development' category. Aarsleff also sponsored the 'Health and Safety' award on the night, with their STEQ Manager Robert Speakman handing out the award to the winning company J Tomlinson.

Aarsleff Ground Engineering also attended the Newark Business Awards 2019, where they received two highly commended awards for their shortlistings in the 'Large Business of the Year' awards and 'Employer of the Year', with Aarsleff's design manager Ash Rogers winning in the 'Employee of the Year' category.

Ash and his team have proven themselves able to design technically challenging projects completely in house, along with changing the internal culture towards design.



Aarsleff

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STAFF NEWSLETTER

HAVE YOUR SAY!

We want to hear from you with stories, pictures, fundraising efforts and anything of note which we can include to make this newsletter more beneficial and interesting to you.

Drop Jessica Banham an email with your suggestions to:
HarrisonMarshall-Lack@aarsleff.co.uk

WWW.AARSLEFF.CO.UK
CONNECT WITH US!



King Post Wall, Clay Cross Chesterfield