

News September 2021

Mindset Monthly Theme for September "Make Sites Safe & Secure"

1 Year of Instalcom's Centre of Excellence (ICE)

Instalcom's Centre of Excellence has officially been open for one year lead by a team of highly qualified and experienced inhouse trainers providing a wide range of courses specific to all areas of operations. Courses include EUSR, SHEA Water, SHEA Power, SHEA Telecoms, National Water Hygiene, First Aid, Emergency First Aid, Manual Handling, Abrasive Wheels, HSG47, Cat and Genny, Asbestos Awareness and Mental Health awareness. ICE also continues to be the only external provider that is fully accredited to deliver Specific Openreach Courses in the Country. The facilities demonstrate Instalcom's continued commitment to personal development and providing a safe working environment across sites and office locations to maintain ZERO Harm. We look forward to introducing new courses in the near future and welcoming more students.



Willesden Substation

Following award from Southern Electric Power Distribution (SEPD) of the design and construct contract for the Substation Civils works and Mian Cable Installation works, the Instalcom Project Team have mobilised to site and work, in earnest, has begun. Over the next 18 months the team will complete the installation / construction of a new 66/11kV substation and two new 132kV cable circuits (operating at 66kV) back to Willesden 66kV Grid Substation followed by the decommission and dis-posal of Canal Bank 22/6.6kV Substation. The project is an integral part of the overall upgrade scheme for the North London area as the existing equipment has reached the end of its useful life and is in a very poor condition. Over the following months, the following works will commence:- Installation of 23 No. Tubular Steel Piles, Erection of Steel Portal Frame atop of steel piles, Reinforced concrete works for Transformer Bund 2 and Installation of main duct route for 132kV Cables.

- Industry wide shortages and delays on key materials has led to a switch in cladding specification to mitigate programme impacts
- Existing live services and assets within the building footprint has required increased safety methods of excavation and protection – all done whilst maintaining progression of the works
- Innovative solution to the industry wide shortage of bricks has resulted in the selection of a concrete brick (see more below) providing improved environmental impacts to its traditional clay relation.



Figure 1: Protective Sleeving to Pile Locations



Figure 2: Slit Trenches

Macmillan Coffee Morning

A massive thank you to the Borehamwood Head Office for raising an incredible £701.50 so far from our yearly 'Coffee Morning' in aid of Macmillan Cancer Support through generously baking and buying cakes and sweet treats alongside giving a minimum donation in order to join in! In order to maintain some level of social distancing, we structured the morning to have different business units come in at set times between 10-11am in order to remain Covid secure. We also wish to thank Hughie & Amber-Rose for organising and ensuring the smooth-running of the event. You are still able to donate through the link <https://thyg.uk/BUU004021260> or alternately see Amber for the donation box. Macmillan offer incredible support in numerous ways including:-

- Physical Support—Macmillan provide information to help people with cancer make the best decisions about treatment, and guidance about dealing with its effects.
- Financial Support—Macmillan's advisers help with money and work matters, and with benefits and grants.
- Emotional Support—Macmillan are there for people with cancer at diagnosis and beyond, providing reassurance for them, friends and family.





Innovative Concrete Bricks



Instalcom are beginning to utilise a new innovative low carbon solution to traditional clay bricks as part of the Willesden Substation Project as part of our ongoing commitment to reducing carbon production. The bricks are suitable for use below DPC (Damp Proof Course), in foundations, boundary walls and externally above ground level. The brickwork can be dismantled, separated, cleaned and re-used after use and on demolition, the product can be crushed and re-used as aggregate in the manufacture of concrete products or as bedding construction materials. With cement content as low as 8% the use of cement replacements and natural curing mean there is no need for traditional firing which makes the brick permanently hard, durable and resistant to weather and water, an extremely energy-intensive process. Instead the natural curing, is heated from the exothermic chemical reaction of its ingredients.

91% of 1.4 Billion Bricks used in 2019 were made from clay and fired in gas kilns. On average 195,000 houses are built per year in the UK, if those housebuilders switched to concrete bricks in just one year, the lifetime CO2 savings would be 49.1%.

EXFO Training

We at Instalcom have been requested to trail the new EXFO test flow system by CityFibre as the **first contractor in the UK** across all CityFibre builds, all in collaboration with EXFO and CityFibre. A huge achievement by the team in Reading to be asked to work alongside the client and supplier. Due to constantly evolving networks and the accelerated pace of technology evolution it is highly important to use standardized protocols to verify and maintain optical signal integrity within complex networks and optical paths resulting in EXFO developing a full suite of fibre optic test solutions to ensure network integrity, maximising 5G Network Readiness and Keeping Pace with Innovation.



FORS

Instalcom are delighted to announce the successful retention of our Silver accreditation under the Fleet Operator Recognition Scheme (FORS) for a third consecutive year. Retaining Silver demonstrates our policy of continuous improvement and confirms the ongoing achievement of exemplary levels of best practice within the haulage industry. The FORS Standard integrates with and complements our existing Road Traffic Safety Management systems which has strengthened the improvement of existing policies and procedures, improving the use of technology, and developing our workforce to the highest competency levels.



There has been an increased and significant investment in Safe Urban Driving, Driver NVQ's, E-Learning and Practitioner Workshops which has directly impacted on our external key performance indicators and demonstrates our target of continuous professional development in all areas of the business, and as further demonstration of our commitment to this continuous improvement, we have recently added over fifty new Scania HGV's to our fleet fitted with the latest Euro 6 standard engines, allowing us to further improve our operational efficiency and assist in the reduction of airborne emissions and carbon. In addition, our fleet of new Scania's include 360 cameras in compliance with the new direct vision standards, thereby enhancing the drivers view.

30.1.1 Reporting Procedure

In February 2021, Instalcom introduced a new procedure for the reporting of accidents, incidents and near misses. Also known as 30.1.1, this procedure sets out the requirements to report any accident, incident or near miss by way of a telephone reporting line, a fast facts form and an incident investigation report form. The posters have been displayed around Instalcom's various locations and many of you will also have been issued with stickers for your vehicles or to keep on your person. You can find a short overview on the procedure on the Intranet under 'Intranet & IMS Videos'. All accidents, incidents and near miss must be reported Immediately to the relevant manager or supervisor for the works/activity taking place. The site supervisor/manager will as required, follow the relevant client notification and escalation process in tandem with the 30.1.1 Procedure.



Social Media

If you aren't already we ask that you all follow our social media platforms and be interactive in order to reach as wide a network as possible through engaging with previous and upcoming posts to include but not limited to company achievements, live updates and current vacancies across the company. If you have any ideas and/or suggestions please do not hesitate to contact Olivia (contact details can be found below).

Twitter
@InstalcomLtd

LinkedIn
Instalcom Limited

If you would like a good news story relating to work, a charity activity or personal achievement to be considered for inclusion within future company newsletters please contact Olivia Woodham E: olivia.woodham@instalcom.co.uk

