

The Micron



The staff newsletter of AJ Engineering and NEWCo

REPLICA TEST BRIDGE WILL ENSURE SMOOTH INSTALL



A replica of the Kessock Bridge gantry rails has been installed at the company's Forres depot so that the new inspection gantry can be tested.

AJE secured the project at the end of 2018 and the gantry is now about to undergo its hydraulic and electrical installation and testing on site at Forres.

The inspection gantry is used to carry out examinations on the bridge.

Overseeing the project has been Wilson Burnett and as he explained, the work has involved harnessing the use of all the skill sets AJE boasts.

"Due to the nature of this work we have had to use the expertise of the workshop and CNC teams along with all the mechanical assembly work. To ensure the installation by others goes smoothly, all the testing is being carried out here at AJE HQ in Forres."

He added: "The existing inspection gantry was 30 years old and has been condemned. As well as being able to inspect the bridge, the new gantry will also be crucial for inspecting all of the under deck prior to painting of the bridge which is expected to take place over the next three years."

Wilson continued: "The main contractor Spencer Group has an electrical and hydraulic firm that are carrying out these works and they are testing in the yard at Forres of electrical controls and hydraulic operations. To allow this, we have had to install two concrete plinths and steelwork for the gantry to sit on and to enable it to be simulated in its operation. It's important we know everything is in full working order before it is then split into three loads and transported to the site where a team from Spencer Group will reassemble it under the bridge. This is expected to take place in mid-November."

AJE TO THE RESCUE

AJE has become renowned for coming to the rescue of customers and being able to react quickly to emergency and short notice jobs.

This was no different for new customer Agrivert at their 1MW Biogas Plant at Tornagrain. Handled by project manager Wilson Burnett the job was done at short notice as he explained: "The firm was having a problem with the process on site and required the installation of two new pumps. We supplied and installed all the stainless-steel pipework for these two new pumps with a turnaround of just over two weeks from the first phone call to completing the works. The customer feedback was very positive with them saying, 'I'm absolutely delighted with the install and following on from this we have the possibility of more follow up work at this site.'"

Wilson added: "It was a great job done by all involved and if these changes are proven to be successful they may carry out the same change on other sites."



Bridge Install Remains On Track

Another railway footbridge project is taking shape.

Last weekend, a team installed the lift shafts at the new Kintore Station.

The project was secured through BAM Nuttall and is part of the on-going Aberdeen to Inverness Project which has been implemented by Network Rail.

The project began in mid-June with Pat Quinn taking control of the fabrication design works.

The installation at Kintore has to take place during weekend nights only as the railway line is still live.

Craig Johnston who is overseeing the project was onsite with the two-man AJE team to install the shafts.

He said: "The install went really well and Bam Nuttall and Network Rail were very pleased with how it went. It was a very chilly night and quite gusty so that was a bit of a challenge, however Ian and Owen who were handling the install did a sterling job."

He added: "The next phase will be to install the stair platforms and its hopeful that the whole project will be completed before Christmas."



More Substation Works Secured

The company has secured the fabrication and installation of three new substations.

AJE will be involved in one building at New Deer and two at Fort Augustus.

The project at New Deer is part of the North East 400kV and eastern

reinforcements and are required to allow increased generation capacity to the transmission system, while keeping the network fully operable and compliant with all necessary technical standards.

More to follow.

Employees Tee Off For Charity

Pat Quinn came home champion after a friendly round of charity golf was held recently.

Attended by Wilson Burnett, Allan Martin, Matt Macpherson, Lee Binks, Craig Johnston, Willie Mackintosh, Davie Ross, Neil Worsdall, Bruce Love, Jamie Lawrence and of course Pat, the event held at Kingussie Golf Course raised almost £100 for AJE's three designated charities.



First Tank Refurb Complete

The first of four tanks have now been completed at Ellon WWTW for ESD on schedule and has involved new parts and the refurbishment and re-use of others.

AJ Engineering's scope of work was for the refurbishment of the scraper bridges installed within the primary and final settlement tanks ensuring that the scraper systems were restored to their original functionality.

