

# NEWS



## We Get the Job Done at Ribblesdale

In January 2023, Grayton completed a replacement 23 metres of kiln and tyre section at Ribblesdale.

Before work on the live kiln could begin, RJE and Grayton designed and built a support structure for the prefabrication works. This structure allowed the 23 metre long section to be assembled, aligned and prepared for installation alongside the existing kiln. Once supported, the necessary section of kiln could be cut and removed, including the removal of the existing tyre to be refurbished. While battling the elements, the team reinstalled the tyre and lifted the 130 tonne section into place and installed successfully.

A job well done and a massive credit to all of those involved.



## Carbon Capture Pilot Project

The Grayton group have worked in tandem to design, fabricate and install a carbon capture pilot project at a site in North Lincolnshire.



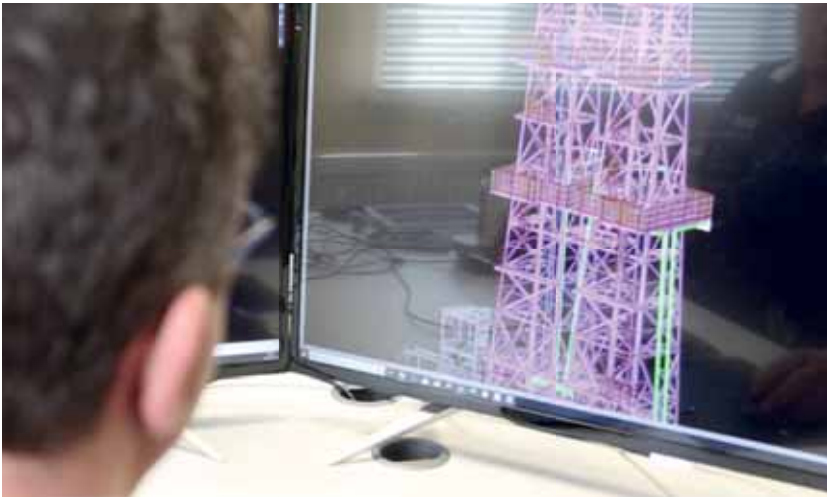
This coordinated effort has enabled us to take a plant from concept to completed construction inside 12 months. The 130 tonne structure was designed in 2021, fabricated and installed in 2021-2022.



## Gas Main Replacement – a Great Combined Effort!

The job: design, fabrication and installation of a 42" gas main replacement.

Starting with a 3D scan and total station survey RJE reverse engineered the entire gas main and produced detailed fabrication drawings. Grayton were then able to fabricate, remove and replace over 200m of pipework within eight weeks.



# WHAT CAN RJE DO FOR YOU?

## RJE Specialist Services

Since joining the Grayton group in 2019, the RJE team has rapidly expanded in both size and capability. The RJE team are now able to offer the following:

- 3D laser scanning
- Reverse engineering and modelling of existing components and machinery to produce fabrication drawings.
- Detailed site surveys
- System feasibility studies
- Complete structural design packages
- Complete piping design packages

## And the Winner of the Safety Prize is...

During the cooler overhaul on Hope shutdown, Sheffield Refractories had put a small diesel run spider crane inside the cooler to assist their task.

Simon Green and his gang including John Farnham were working at the opposite end of the cooler. John flagged up the fact that a diesel run machine shouldn't be inside the cooler (enclosed space) without any extraction.

Sheffield Refractories were contacted by the Breedon Hope management team and were requested to install local exhaust ventilation to remove the diesel fumes.

A really good spot with a positive outcome backed up with good support from Breedon and Sheffield Refractory.



## £100K EQUIPMENT INVESTMENT

### We Now Offer Alignments and Surveys

During 2022 Grayton have invested over £100k of scanning and alignment equipment.

With the investment in the new alignment and survey equipment, we are able to conduct full hot and static alignments. Our surveys include features such as: kiln axis, tyre wobble, shell deformation and shaft deflection. All our large rotating equipment surveys can be completed during operation. We are also able to complete surveys and inspection reports to accommodate your specific requirements. Our clients are already using our services to help with predictive maintenance and planning maintenance schedules.

