Grayton | Group

NEWS

Issue 03

Kiln Section Project Completed

The project involved replacing a large section of a 4.1m diameter kiln, installing one new free-issue tyre, and refurbishing and reusing one original tyre.

The project was meticulously planned and executed in two stages to ensure the efficient replacement and installation of the kiln section. The pre-build stage focused on preparation and setup, while the install stage involved the physical removal and replacement of a 32m, 160 tonne section, including precise alignment and rigorous welding quality checks to ensure the integrity and functionality of the kiln.

Grayton RJE Engineering Industry

Supporting the companies that build Britain Since 1991

Since 1991 Grayton have provided excellent mechanical support for our key clients in the cement, steel, oil, food and chemical industries.

Following a very successful reclassification audit in February, Grayton are pleased to confirm retention of classifications for 1090 , 9001 , 45001 and 14001 the audit highlighted not just our dedication to compliance but also our proactive stance and attention to detail leading to an almost flawless outcome.

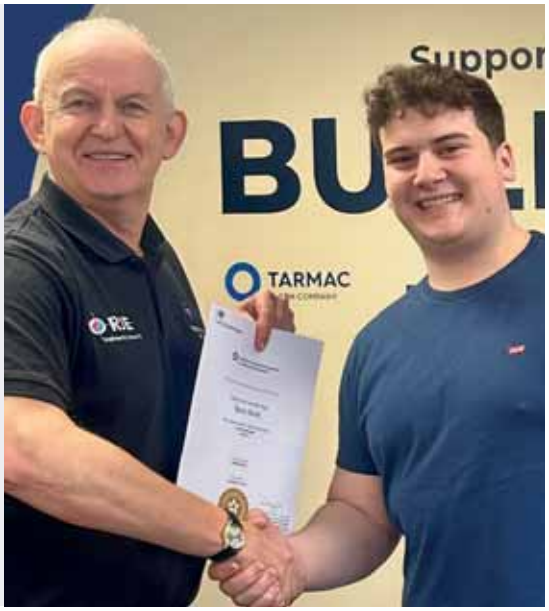
Investing in Our People

Investing in the future of engineering begins with our apprentices and we've had much success over the years.

For the 2024 intake, Grayton are investing in 7 new apprentices. Apprenticeships this year include mechanical fitters, welders, design and draughtsman, plating and pipe fitting.

With an aging workforce across the industry, it is fundamental that Grayton invests in its people so that expert knowledge and essential skills are transferred to the next generation of engineers. It's crucial that young people see engineering as a great career choice.

If you would like more information regarding future roles available, contact: amycook@graytons.com



Lewis Booth receiving his welding apprenticeship from Richard Marshall, joint MD

Continuing Support for a Unique Dryer

In 2022 Grayton were engaged by a long-standing customer, to investigate concerns regarding their drying system.

It was identified that their bespoke dryer was nearing the end of its life cycle. To buy the client time for a full replacement, our in-house team designed a temporary solution to enable the existing equipment to operate for an additional 18 months.

Grayton was commissioned to reverse engineer, supply, fabricate, pre-assemble the replacement 300T dryer. Preparations are underway for the removal of old and installation of the new dryer. Several subtle upgrades have been designed, checked, and verified to address longstanding issues with the current dryer. A significant enhancement includes upgrading the drive system from an unreliable chain drive to a more reliable direct drive.

Collaborating with the client and third-party assessors ensures the project meets the highest engineering quality and safety standards.

This project is one of a kind in the UK, and we are proud to have earned the client's trust to facilitate this upgrade to this essential process.

A Novel Incinerator System

RJE/Grayton commissioned to design and fabricate a novel incinerator system, including its support and access structures for Indivus Ltd.

Indivus currently operate a pyrolysis and gasification waste incinerator that was built in 2001. The equipment that Grayton is fabricating is for a new waste to energy project in the UK that will utilise an improved version of the existing operational facility.

The project required improvements and modifications to the preliminary design, which involved detailed structural analysis, full 3D CAD modelling of over 500 unique components, 50 sub-assemblies, and 8 main assemblies. Throughout the process, RJE provided comprehensive support to the fabrication team, supplying all necessary information for production.

1.75 Million Miles Covered in 30 Years of Service

Tony Preston has achieved the extraordinary feat of covering 1.75 million miles during his 30-year employment with Grayton Ltd.

Over the past three decades Tony has weathered countless challenges, from adverse weather conditions to unpredictable traffic whilst maintaining an impeccable safety record of zero accidents and 0 penalty points!

Tony is an intrinsic part of Grayton and has earned the respect of not only his colleagues but also that of our suppliers and customers. His commitment is evident as he is often among the first to arrive on site and one of the last to leave due to his responsibilities as delivery and collection driver.

Tony Preston (right) with Purchasing & Fleet Manager Rory Pedersen (left)