

# Polypipe

## Polypipe's Pioneering Engineering

#ThisIsEngineeringDay

Working in engineering is an exciting, varied and rewarding career, so why is it that the UK is facing a significant shortage of aspiring engineers?

#ThisIsEngineeringDay is a campaign challenging the misconceptions around pursuing a career in engineering, showcasing the ever-growing innovation of modern engineering.

Targeting the next era of leaders, #ThisIsEngineering demonstrates how the field of engineering is a driving force behind a multitude of things, such as fashion, sport and technology. Engineering isn't just numbers and planning; it's the use of scientific principles and observation to drive innovation, art, machinery, structures and technology. By paving the way for a brighter future, engineering *shapes* the world as we see it.

To celebrate #ThisIsEngineeringDay, we thought we'd head over to Horncastle in Lincolnshire to visit a client of ours, [Polypipe Civils](#), to find out more about the experts behind modular engineered drainage and water management systems.

### Polypipe

[Polypipe](#) are one of Europe's largest and most innovative manufacturers of piping systems, delivering engineered solutions that enable and encourage a sustainably built environment. Through constant innovation alongside focused research and development, Polypipe offers solutions that help deal with the pressures placed on urban environments and natural resources.

Joining recruitment forces in 2015, Root2 Recruit have worked closely with Polypipe on placing aspiring engineers in various different roles throughout the company, ranging in all fields of engineering.

From Mechanical and Electrical Engineers to experts in Maintenance Engineering, Polypipe now employs over 1000 employees and their Horncastle site is Horncastle's biggest employer with a workforce of over 310 staff!



Polypipe's Plastic Drainage Pipes

## So, what did we find out?

Polypipe Civils is a division of Polypipe that deals with the design, engineering and manufacture of thermoplastic piping systems for civils and infrastructure projects. With various sites located in the UK, the Root2 team head over to Polypipe Civils' Horncastle site to meet up with Polypipe's expert engineers!

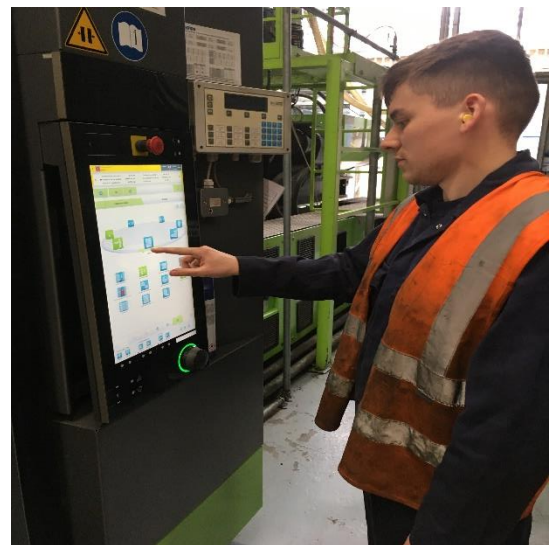
We found out that...

- The Polypipe Group are committed to providing systems and marketable solutions that support and encourage both low and zero carbon construction technology.
- Polypipe have pioneered sustainability creating a manufacturing process that is maintainable without causing huge strain on the environment. Their recyclable plastic pipes weigh 94% less than their concrete alternative, which means less transporting that ultimately reduces Polypipe's carbon footprint.
- Polypipe produces pipes and fittings using recycled materials where appropriate and all products are 100% recyclable at the end of their useful life.
- Following major investment and the construction of a Polymer Reprocessing Plant at their Horncastle site, Polypipe are now one of the UK's largest processors of post-consumer waste! That means that everyday household products such as empty shampoo bottles and tubs of plastic are recycled to produce high quality materials for their products.

## The team at work!



Stacey, who joined Polypipe as a candidate through Root2 Recruit, performing inspection work on a corrugator.



Callum, who recently completed his Engineering Apprenticeship at Polypipe, adjusting settings on an injection moulding machine.



Preventative maintenance work taking place in the Extrusion Department. Alex recently joined Polypipe and was a candidate who applied through Root2Recruit!



Manufacturing in action! Polypipe's Polystorm geocellular range is designed to provide retention, attenuation or infiltration at a variety of depths. They are made of 90% recycled plastics and 100% recyclable at the end of their life.



An Extrusion line producing HDPE twin wall pipe.



Tom, fault finding on a six-axis robot that's used in the manufacturing process of the Polystorm geocellular range.

## Root2 Recruit

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