



# TEXO TALK

NOVEMBER 2022





## TEXO Engineering & Fabrication focusing on multi-discipline growth

Since it was created by merging the engineering and fabrication elements of TEXO's business, TEXO E&F has taken on substantial projects, increased its workforce and developed a reputation for quality design engineering and precise, timely fabrication. Now, the division is expanding its work across a range of multi-disciplinary projects, both standalone and with TEXO's other divisions as it drives growth plans for the future.

TEXOTalk spoke to Donny Marshall, Division Director for TEXO E&F, and Operations Director Bruce Gill to find out more about the projects that have come through the business in 2022 and their plans for 2023 and beyond.



*Combining the engineering and fabrication operations has opened up a significant market for us," begins Donny. "We offer in-house engineering and design, including FEED studies, concept, detailed drawings and Finite Element Analysis, so customers know they can access all services when they work with us, our fabrication facility is conveniently located at the Port of Dundee, so we can offer great service flexibility."*

### Working in partnership

Like all of TEXO's service, the Engineering & Fabrication division's approach is to work collaboratively with customers, building strong relationships and developing the essential trust and reliability that matters in complex – and often time-critical – engineering projects.





*Our job is to take the challenges away from the customer,” explains Bruce. “having such a broad suite of services under one roof means that we can be more collaborative, more proactive and deliver a more responsive service. Customers have one company, one relationship, one quote and complete continuity during their project.”*

Bruce, who joined the business this year, is part of the division’s growth plans. With 36 people currently employed in Engineering & Fabrication, the team also uses TEXO’s dedicated recruitment service to build exactly the right team for each project.



*This helps us to mobilise fabrication and construction teams at short notice and with the right skills,” says Bruce. “And that means we can work to the tight timescales that our customers often have – and bring specialist experience to the project at the right time.”*

Recent projects demonstrate how the multi-disciplinary approach has worked for some significant customers. Earlier this year, the team was asked to manage the engineering, fabrication and installation of a deck spread design for a subsea vessel, to support a P&A campaign. This included:

- Vessel deck planning and equipment layout design
- Equipment grillage and seafastening engineering and design
- Equipment grillage and seafastening fabrication
- Vessel mobilisation – grillage, equipment and seafastening installation

Our teams managed all elements from early design feasibility to final installation and deployment.

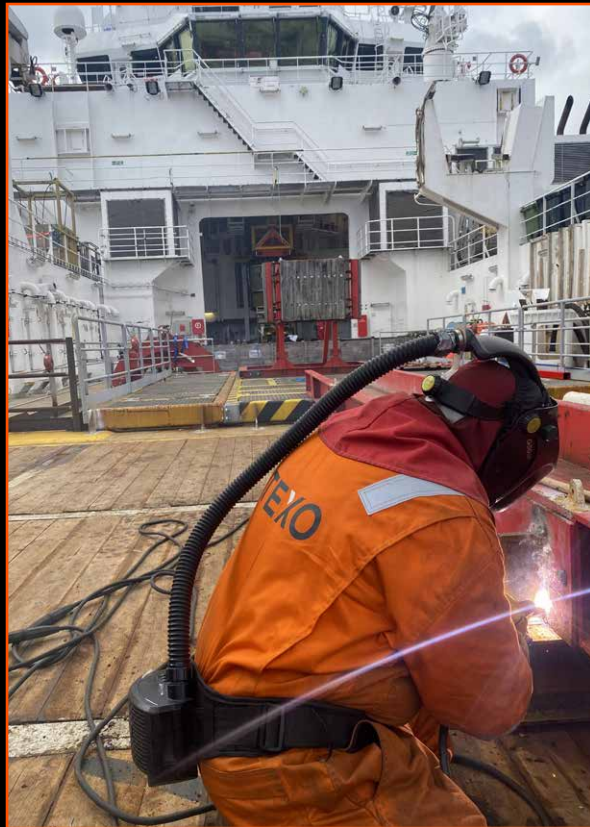
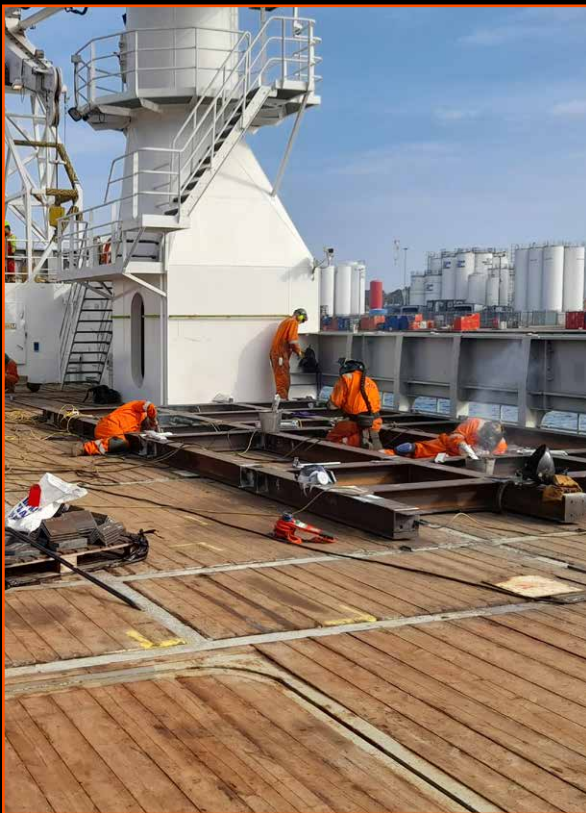
This approach has repeatedly demonstrated benefits for customers in reducing bottlenecks and associated schedule delays, minimising risks as well as facilitating tighter budget and project cost control. For this project, TEXO E&F also deployed one of the engineering team members involved in the design phase of the project to the vessel mobilisation to provide project support which worked extremely well from an execution point but also provided the client with the support to handle last minutes changes or issues typical with this sort of project.

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This is a business with resilience built in," concludes Donny. "We worked hard to maintain our service during Covid lockdowns and we will apply the same work ethic and innovative approach to meet any other challenges that come our way. In the end, the most important thing is that we can deliver for our customers – that is always our top priority."







Case study:  
**Package for Cement Unit**  
Engineering & Design,  
Fabrication & Construction  
Installation

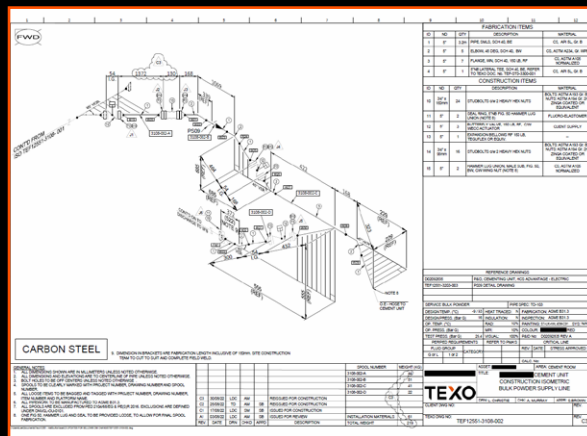
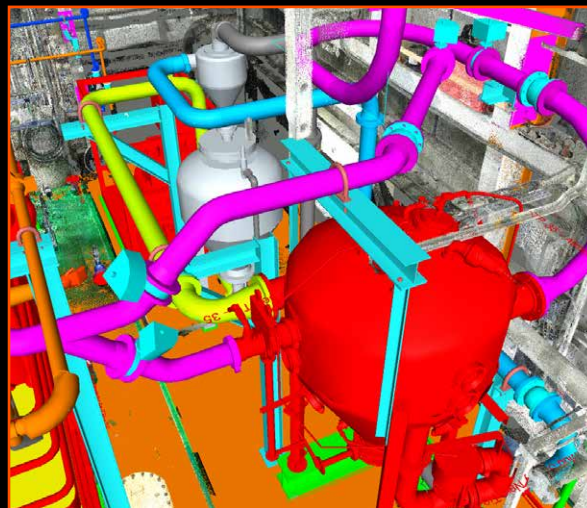
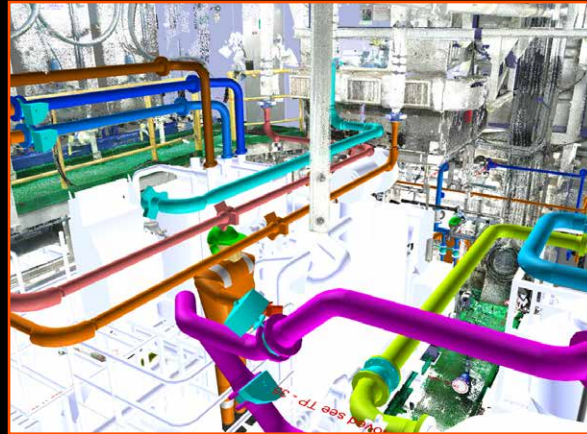
TEXO Fabrication & Engineering

**Our client**

We were commissioned for a cement package installation project which included the design, engineering, fabrication and installation of equipment onto a semi-submersible drilling unit. We were asked to design and engineer all the rig structural modifications and to design, engineer, fabricate and install all the associated pipework and systems. We had worked for this client before, and they had confidence we could manage all the elements, including delivering within a tight reactive timescale.

**Our solution**

Working closely with the customer, we managed everything from design feasibility to installation sign-off. We used the FARO 3D laser scanner to survey the rig and capture all relevant geometry and dimensions, which we then put into Autodesk 3D modelling to ensure precision engineering. The pipework was complex to design and install, and the project requirements changed so we had to be responsive to solve technical challenges so that the project could be kept on track.



# TEXO TALK



CASE STUDY

## The results

Our client was delighted with our ability to deliver this complete project in the necessary timescale, and the way we managed challenges professionally and as part of their team.



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THOUGHT PIECE

## TEXO Design Academy

After our successful Graduate Engineering programme which saw Michael Grogan become an Engineer and a nominee for the 'Rising Star' in the TEXO annual awards, In October 2021 TEXO Engineering & Fabrication enrolled two new graduates into the TEXO Design Academy Programme, Finlay Coghil & Thomas Duncan.

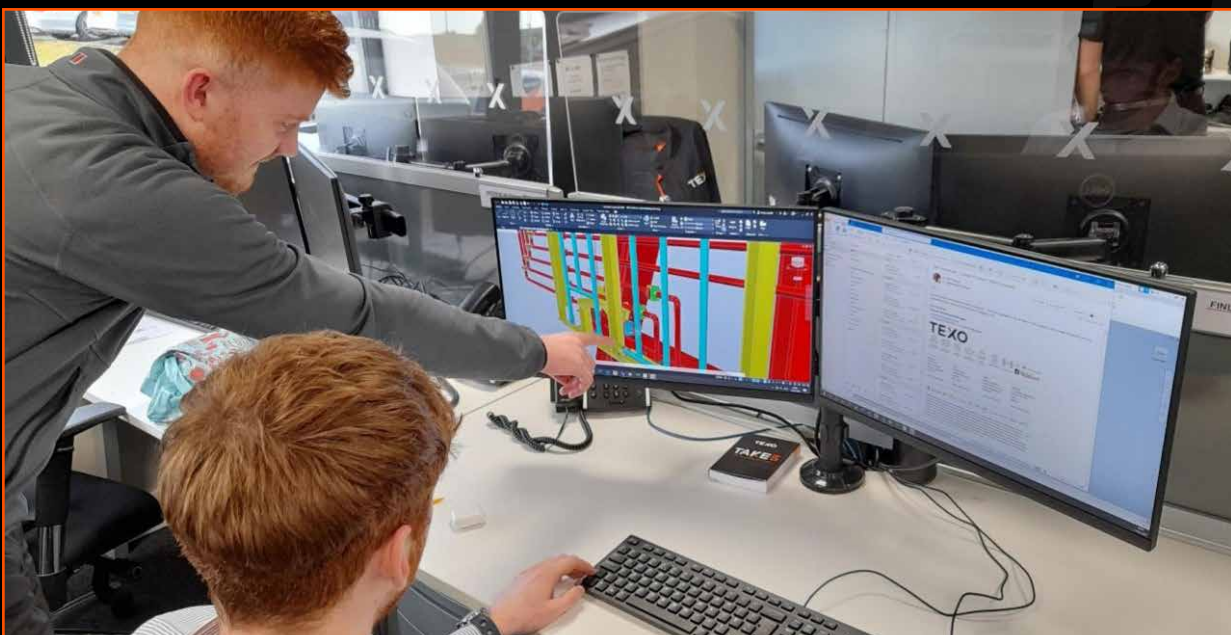
Starting out as Junior Designers, the training & development plan will expose Finlay and Thomas to areas of structural, mechanical and piping design within the first year, with a view to selecting a specific discipline in the second year of training. The Junior Designers each work alongside their discipline mentors to develop their software skills and subject matter knowledge, working on live projects within the sectors of oil & gas, renewables, fabrication & offshore construction.



*TEXO Engineering and Fabrication's culture is to invest in young people, to train and develop these individuals to become an essential part of the business for the future.*

*Good luck to Michael on his progression, and welcome to the TEXO team Finlay and Thomas!"*

**Steven Brown,**  
Engineering Team Lead





## North East STEM Awards 2022

Congratulations to Alan Conway for winning the prestigious Special Recognition Award at the North East STEM Awards 2022!

This award is given to individual STEM Ambassadors who have demonstrated exceptional dedication and commitment to young people.

TEXO has facilitated numerous innovative STEM-related activities from the Port of Blyth and are passionate about attracting young people to offshore energy-related industries.



*The benefits of working with the schools are that you have the opportunity to inspire the next generation of engineers, that could be designers or the men and women that will build these wonderful pieces of equipment. Further down the line, we'd hope to be interviewing the pupils we meet for apprentice or graduate roles."*

**Alan Conway**







## November Results

Aberdeen **4 - 1** Hibernian  
Friday 4 November, Pittodrie Stadium

Aberdeen **1 - 2** Livingston  
Tuesday 8 November, Tony Macaroni Arena

Aberdeen **1 - 0** Dundee United  
Saturday 12 November, Pittodrie Stadium



## Fixtures in December

Sat 17	Home	v Celtic	12.30
Tue 20	Home	v Rangers	20.00
Sat 24	Away	v St Mirren	12.30
Wed 28	Away	v Kilmarnock	19.45



## Blyth Spartans

Blyth Spartans have been drawn away against York City FC in the 3<sup>rd</sup> round of the Isuzu FA Trophy.

## Blyth Spartans December fixtures

Fri 02	Away	v Chester	19:45
Tue 06	Home	v Southport	19:45
Sat 10	Away	v Kidderminster Harriers	15.00
Tue 13	Home	v Chorley	19:45
Sat 17	Away	v York City	15.00
Mon 26	Home	v Spennymoor Town	15.00



# TEXO TALK

FOUNDATION

## Dean Sutherland

TEXO is proud to support Aberdeen boxer Dean Sutherland. He's a great example of the power of hard work and complete dedication to his sport. Sad to see him go down to Louis Green in the Commonwealth super-welterweight title last Saturday, but we know he will be back in the ring stronger than ever.

It's important to us to support our people, our customers and our communities through all their ups and downs. Good luck to Dean for his renewed training and next fight!





## TEXO TEAM PLAYERS OF THE MONTH



### OFFICE BASED

#### Leanne Mutch

TEXO Survey & Inspection  
Administrator

Leanne has worked for TEXO for a few years now and is an integral part of the team, nothing is too much trouble and she goes above and beyond to ensure things are done. She works closely with the operations teams daily and really is the glue that holds the team together!

Well done Leanne!



### IN THE FIELD

#### Jamie Hagen

TEXO Engineering & Fabrication  
Construction Supervisor

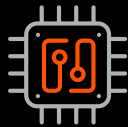
Jamie has undertaken a number of onshore offshore construction projects for TEXO over the year and has become a core member of the TEXO Engineering and Fabrication team. Jamie has conducted himself with professionalism and fantastic work ethic and attitude towards all the tasks that has been put in front of him and has had praise not only internally but from TEXO Clients also, advising us that he was a true asset to the TEXO Team. Jamie is the type of person we want to invest in and provide opportunities for within the company to grow and allow to flourish. Jamie has recently executed two destruct and install projects for TEXO and his attitude and performance has earned him the nomination of team player of the month.



ENGINEERING  
& FABRICATION



WORKSPACE  
SOLUTIONS



TECHNOLOGIES



RECRUITMENT



ASSET  
INTEGRITY



PORT  
SERVICES



SURVEY &  
INSPECTION  
(DSI)

# TEXO

TOGETHER WE ARE ONE