



➤ ADVANCED WELDING SOLUTIONS

# DUNFERMLINE FACILITY

## Pipework Fabrication

PERFORMANCE / QUALITY / DELIVERY



1.  
Dunfermline Facility

2.  
Salford Facility

3.  
Tamworth Facility

# Our Dunfermline facility boasts 2,729m<sup>2</sup> of covered fabrication shop space including almost 1,000m<sup>2</sup> for Stainless Steel Fabrication

Langfields are experienced  
in many sectors including;

- Oil & Gas
- Marine
- Petrochemical
- Pharmaceutical
- Chemical
- Agro
- Water
- Food
- Defence
- Distillery
- Nuclear
- Renewables



## Facility Overview

### 5 Undercover Workshops totalling 2,729m<sup>2</sup>

#### Workshop No.1 – Stainless Steel Piping Shop

- 351m<sup>2</sup> fabrication space
- 10t Crane

#### Workshop No.2 – Stainless Steel Piping Shop

- 509m<sup>2</sup> fabrication space
- 10t Crane

#### Workshop No.3 – Carbon Steel Vessel / Skid Shop

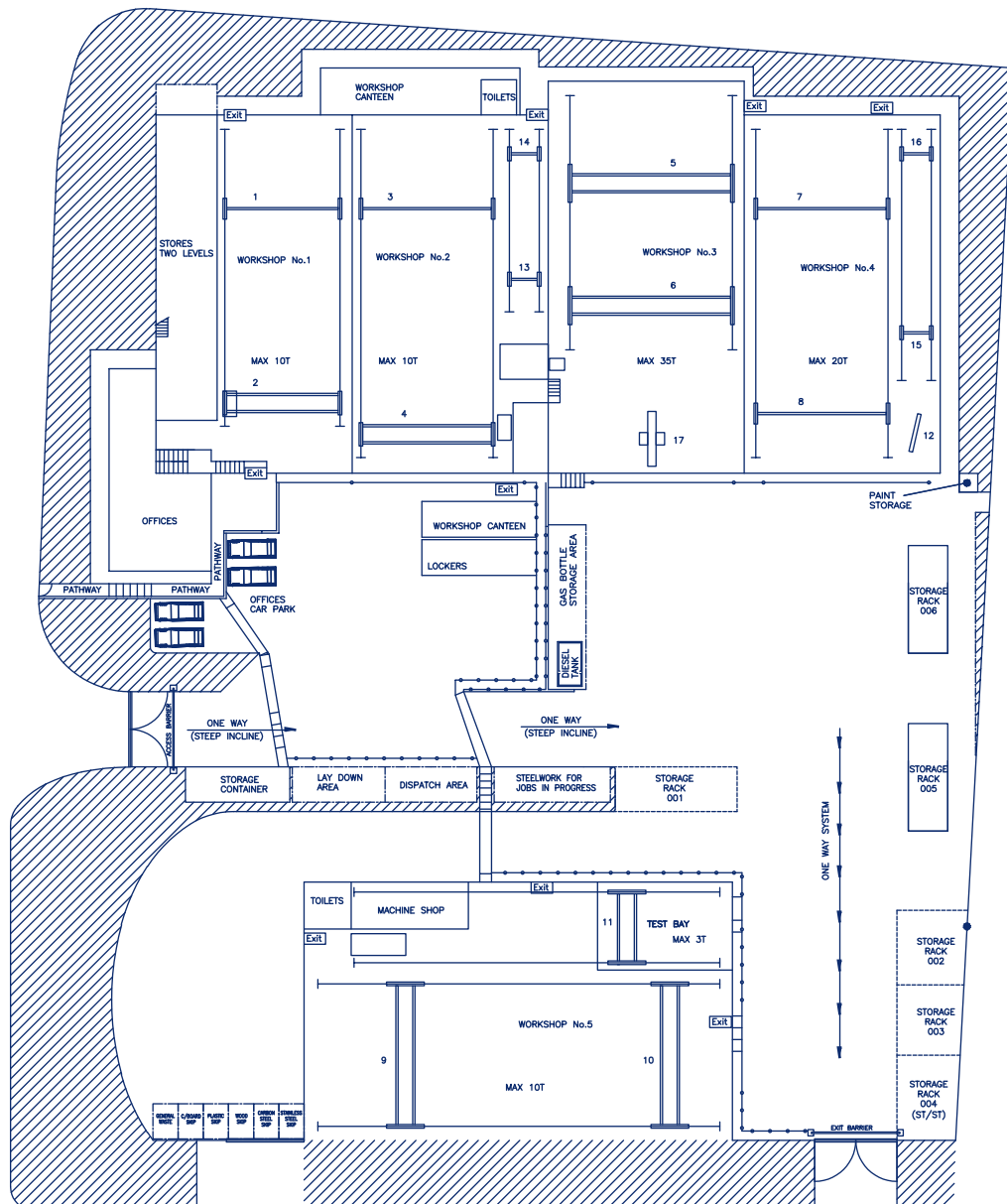
- 557m<sup>2</sup>

#### Workshop No.4 – Carbon Steel Vessel / Skid Shop

- 509m<sup>2</sup> fabrication space
- 20t Crane

#### Workshop No.5 – Carbon Steel Structural / Piping Shop

- 803m<sup>2</sup> fabrication space
- 10t Crane



**“From shop fabrication to site installation Langfields is devoted to providing industry leading solutions. At Langfields we understand our customer needs, to be flexible, to meet constrained schedules whilst achieving the highest levels of quality. We are the reliable partner of choice for your fabrication requirements.”**



# Capabilities

Langfields can provide a full design Service for Process Pipework, capable of producing bespoke pipework designs from concept and site survey, or from customers drawings, fully compliant with applicable Codes & Standards and assessed against PED requirements where required.



## Full Managed Service





## Welding Technology

**An array of welding processes is available which are tailored to suit the scope of work.**

These include:

- **Tungsten Inert Gas (Tig)**  
Available both in Manual and fully automatic Orbital modes.
- **Gas Shielded Flux Cored Arc Welding (GSFCAW)**  
Available in both semi-automatic and mechanised modes.
- **Manual Metal Arc Welding (MMA)**  
Available to suit a wide range of material types, strengths and toughness requirements.
- **Submerged Arc Welding (SAW)**  
Combined with either a Tig or semi-automatic Root pass this is particularly suited to larger diameter and heavier wall thickness applications.



## Quality Control Related Services

- Positive Materials Identification (PMI)
- Portable Hardness Testing
- Ferrite Level Checking
- Pickling & Passivation of stainless steels
- CSWIP 3.1 Welding Inspection

Langfields hold a substantial library of welding procedure qualifications and a skilled workforce including appropriately qualified welders for welding pipe and associated spool components. These include forged flanges, bends, elbows and associated branch fittings manufactured from material types and grades ranging from high temperature, creep resistant steels to steels for cryogenic applications, Austenitic and Duplex/Super Duplex Stainless Steels through to Nickel Alloys including Hastelloy C22/C276, Incoloy 800/825 and Inconel 625.

Design, Qualification, Fabrication and Testing have been conducted in accordance with industry codes and standards including;

## Rules for Construction of Pressure Vessels

## Pipeline systems. Steel pipelines on land. Code of practice







## Value Proposition

### Reactive

Mobilise personnel and equipment within 24hrs to a client's site in event of an unplanned shutdown or emergency maintenance requirement to minimise plant downtime.

### Trusted

Create an open and transparent relationship with clients and ensure that communication is consistent. "Only by trusting one another can businesses hope to work together"

### Support

We offer extensive expertise in planned and emergency site and shutdown services, our ability to work at short notice, has earned us an enviable reputation in the area of mechanical breakdown and plant shutdown work.

### Strategic

Forward-focused approach, which allows closer supplier relationship for pre-planned equipment and services requirements.

### Experienced

Our expert team of RWC's have the capability to offer bespoke pipework welding solutions, incorporating a range of disciplines including consultancy, labour supply, project management and delivery as well as enhanced welding engineering services.

### Quality

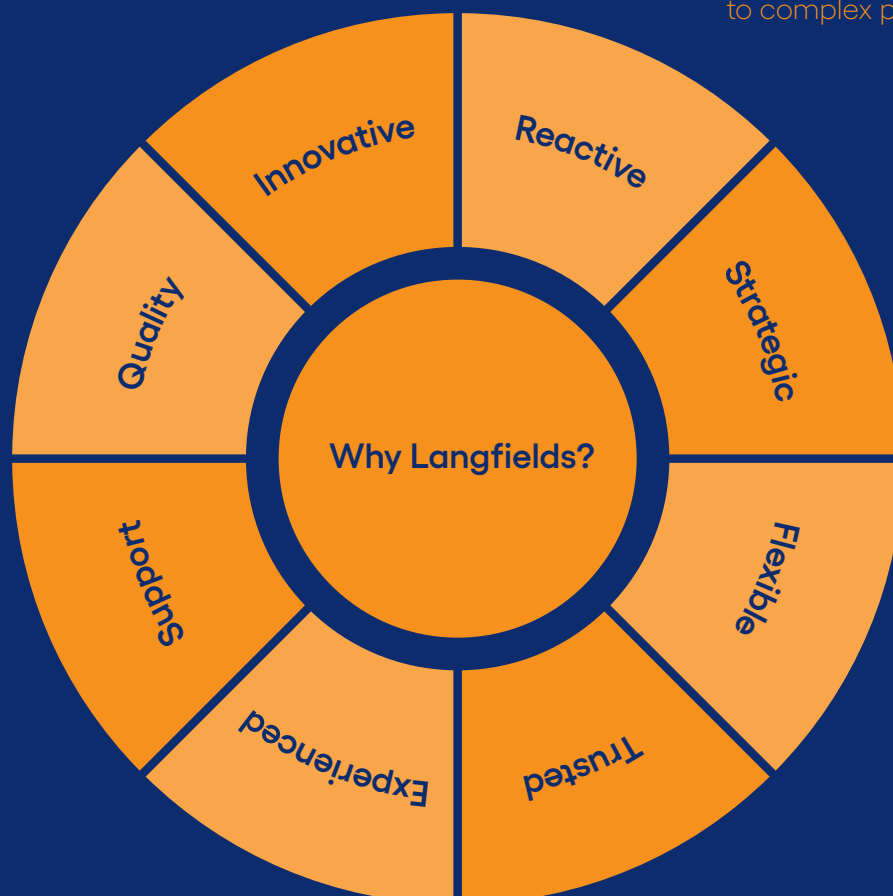
Inspiring market-leading performance and quality supported and enhanced by effective and efficient project management and operational execution.

### Flexible

Capable of supplying and maintaining support through any uncertainties and changes to client requirements.

### Innovative

Our extensive fabrication experience ensures that we can find innovative solutions to complex problems.





**“It is Langfields strategy to inspire market leading performance and quality, through the application of technical solutions and services supported and enhanced by effective and efficient project management and operational delivery.”**

Process Skid Pipework  
Fabricated at Langfields  
Dunfermline 2019



**“At Langfields, exemplary HSEQ performance is one of our core principals. Collectively and individually, we take a highly proactive approach to managing health, safety, environmental and quality systems to create and maintain a safe environment at all Langfields facilities and projects.”**

**Our  
Accreditations**

ISO 9001

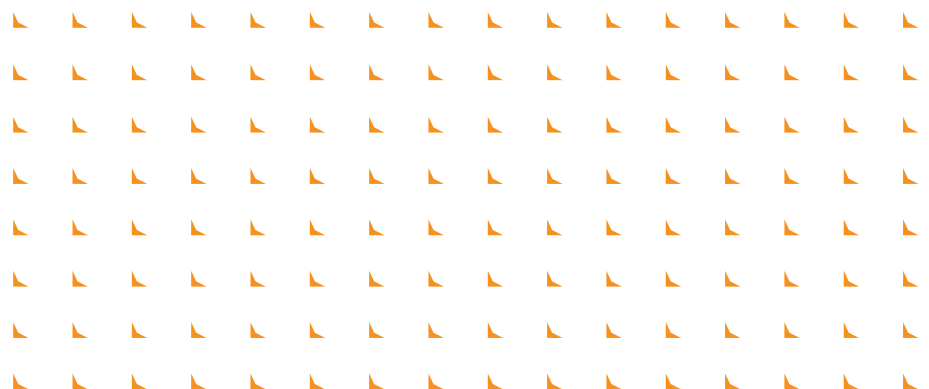
ISO 14001

ISO 45001

BS EN 1090-1

BS EN ISO 3834-Part 2

PED 2014/68/EU



Every employee from apprentice to senior management is a key contributor to ensuring successful implementation of Health & Safety policies and assumes a personal responsibility for their own actions and those of others. We set ourselves demanding targets in this area and ensure that our HSEQ values are supported by personal objectives from the management team.

To monitor our performance, we set active and reactive Key Performance Indicators. By developing trust between employees, contractors and clients we ensure that any and all HSEQ issues are identified, reported, tracked and closed in an appropriate manner, thereby improving our performance, quality and delivery.

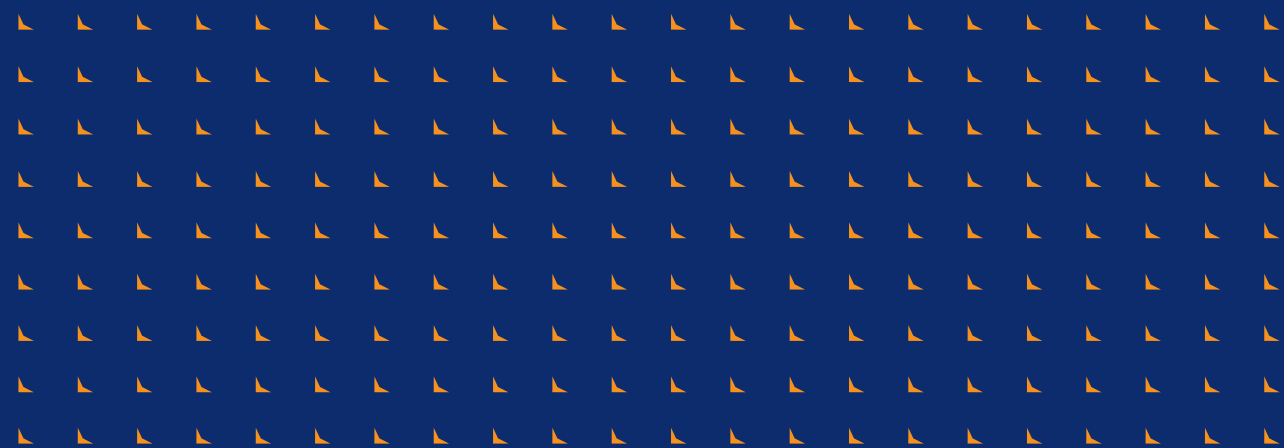




Process Skid Pipework  
Fabricated at Langfields  
Dunfermline 2019

"54" Flare Stack  
Fabricated at Langfields  
Dunfermline 2020





## To get in touch

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