



TRAINING & APPRENTICESHIPS

# Skills Development Programme



## Introduction to Fluid Power Systems (Pneumatics & Hydraulics)



TDR Training are a leading training provider in the region, offering bespoke skills development programmes to enhance, upskill and retrain to meet future business demands.

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## Overview

During this course you will acquire a basic understanding of fluid power systems, including relevant safety, legislation, components, symbols used, drawings and standards. There is also a practical element to the course.

This course is ideally suited for those with little or no understanding of fluid power systems.

## Training & Content

Duration: 3 days, consisting of classroom theory and practical activities.

- Basics, safety
- Components
- Symbols
- Drawings and standards
- Design
- Fault diagnosis

- Introduction to fluid power system basics, the health and safety required as well as the appropriate legislation and regulations;
- The different components associated with fluid power systems;
- The different symbols used in fluid power circuit diagrams, to identify different components;
- Standards associated with fluid power diagrams and components;
- Fluid power systems circuit design and simulation using appropriate software
- Pneumatic practical circuit construction and fault diagnosis, using appropriate pneumatic simulation equipment.

## Certification

TDR certificate of competence upon completion of training

TDR Training

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