



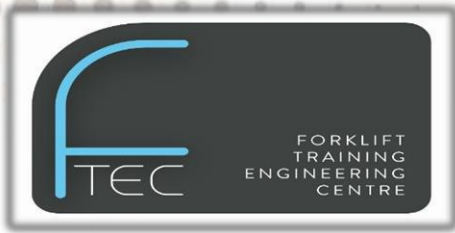
“Training by the Industry for the Industry”

Lift Truck and Powered Access Engineering Technician Apprenticeship

Presented by
Katherine Roberts

**Fork Lift Truck
Association**





Introduction to F-TEC

Forklift Engineering Training Centre (F-TEC) is a dedicated facility providing a comprehensive range of forklift and MEWP engineering training programmes.

The wide variety of programmes includes:

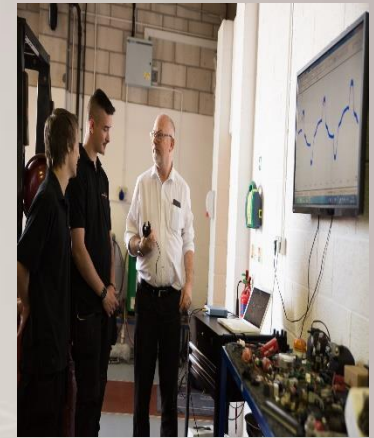
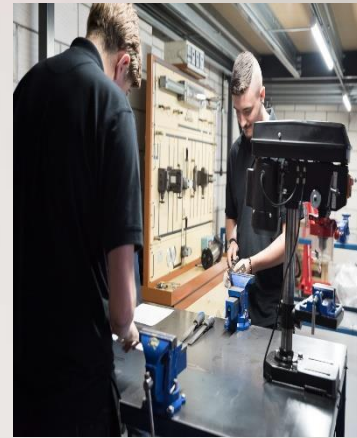
- Apprenticeships;
- Advanced level courses;
- Service engineer development;
- Benchmarking; and
- Bespoke training courses



These are just some of the training options that F-TEC provides.



State of the art workshops





4 State of the art training rooms





Introduction to F-TEC

Since 2014, F-TEC has grown at its location in Swindon, to provide training to both apprentices and to already qualified engineers, offering technical and soft skills courses to raise the existing engineers' knowledge, skill, and competence base.

F-Tec is the only FLT accredited training centre for the industry, we have over 170 apprentices on programmes across Level 2, Level 3, and Level 4. We also offer over 28 different technical short courses that companies use to further develop their engineers' knowledge.



Introduction to F-TEC

We continually strive to provide the industry with training that will enhance their staff and we have set up regular technical working groups to provide a forum for the industry to come together in one place and for us to take on board their ideas for training.

F-TEC - Engineer/Technician Strategy

- Encourage employers to recruit Apprentices
- Offer upskilling programme for 80 engineers/technicians to L3
- Carryout online assessment (Benchmarking for training needs)
- Populate the professional register



Our centre is located just off the motorway in Swindon, the training centre is an industrial centre that has a two fully operational workshops, four training rooms, electronics area, and a canteen.

Legend

- F-TEC
- Major cities

UK

- F-TEC is currently based in Swindon Wiltshire
- F-TEC (North) will open in the second quarter 2020 close to Manchester airport

Glasgow

Edinburgh

Leeds

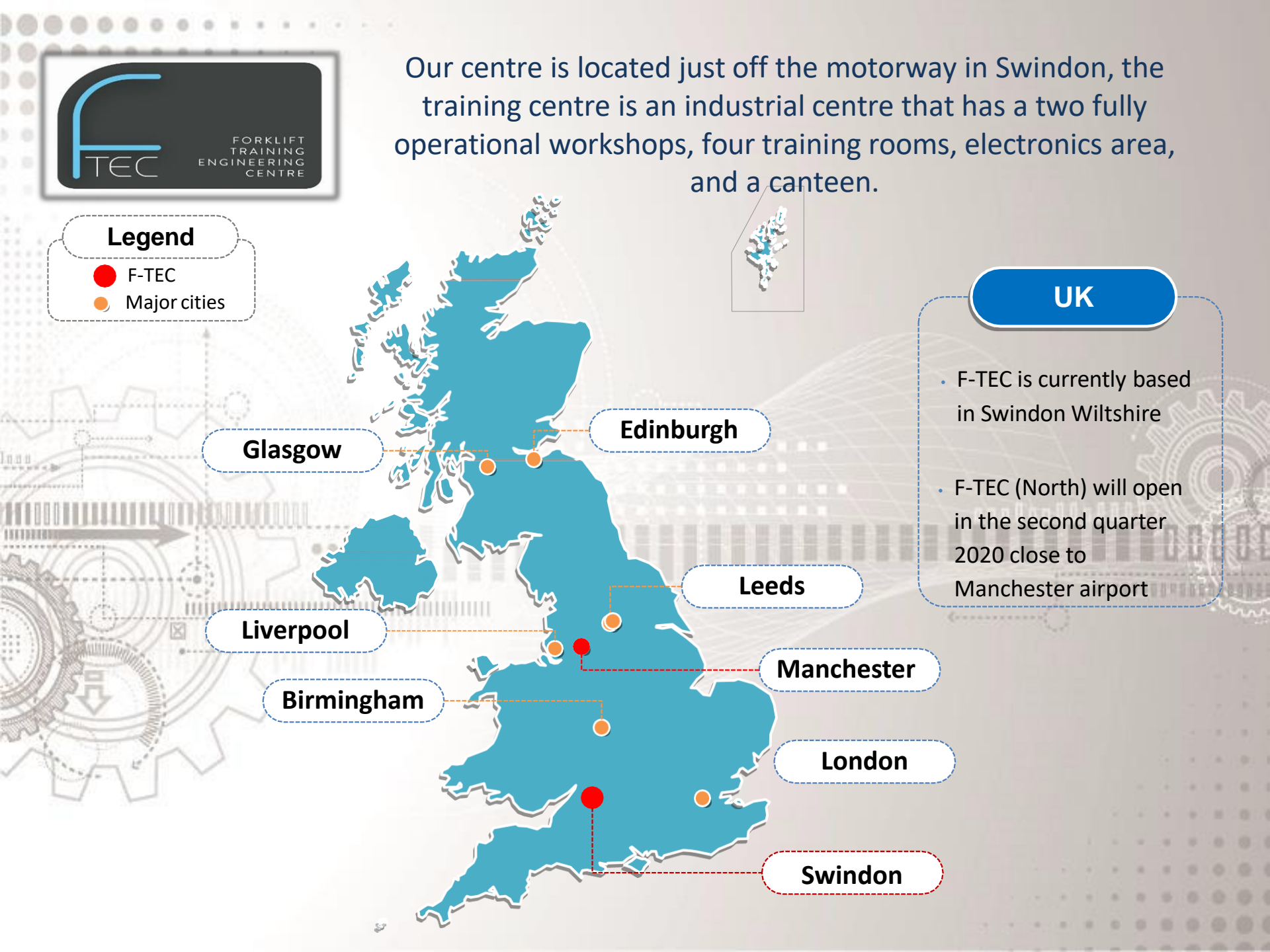
Liverpool

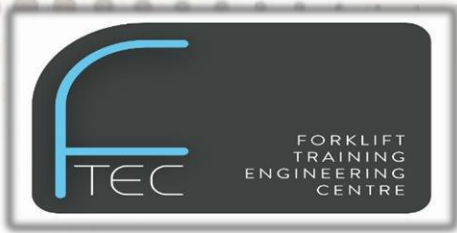
Manchester

Birmingham

London

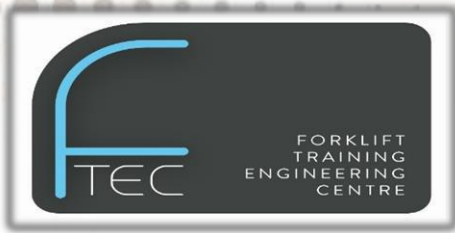
Swindon





Key Successes

- **97%** of all F-TEC Level 2 Apprentices achieved successful completion of their Intermediate apprenticeship
- **100%** continued to their Advanced Apprenticeship
- **98%** of Advanced Apprentices that have successfully completed their programme have been offered permanent contracts with their employer
- **170** apprentices currently being trained along with 323 engineers per year



How do we fit in with Powered Access?

F-TEC are partnered with TVH and in association with IPAF to deliver the technical training for the whole of the UK and Northern Europe



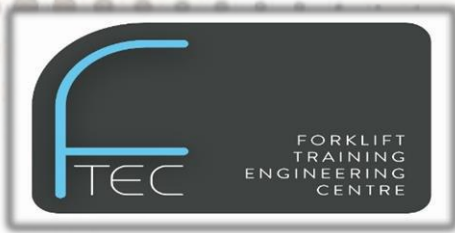
During the last two years F-TEC through the respective Associations, FLTA, BITA and IPAF have negotiated through the Trailblazer programme new industry standards.

These standards are called:

‘Lift Truck and Powered Access Engineering Technician
Apprenticeship Standards’

Core Training Matrix

<p>Advanced Electronics</p> <p>L3</p>	<p>Engines and Power units</p> <p>L3</p>	<p>Engines & Electrical Controls</p> <p>L3</p>	<p>Chassis & Advanced Hydraulics</p> <p>L3</p>	<p>Teaching or mentoring Others</p> <p>L3</p>
<p>Vehicle Inspections</p> <p>L2</p>	<p>Service and Maintenance</p> <p>L2</p>	<p>Electrical Applications</p> <p>L2</p>	<p>Electrical Principles</p> <p>L2</p>	<p>Chassis & Introduction to Hydraulics</p> <p>L2</p>
<p>Customer Service</p> <p>L2</p>	<p>Transmissions & Drive Train</p> <p>L2</p>	<p>Engines Mechanical & Fuel Ignition</p> <p>L2</p>	<p>Health & Safety Risk Assessment</p> <p>L2</p>	<p>Health & Safety Good Housekeeping</p> <p>L2</p>

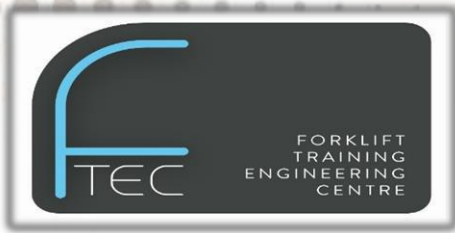


Programme Content

Year One –Level 2

The technical units include, Knowledge, Skills and Behaviour of:

- Health and Safety and Good Housekeeping
- Support for Job Roles
- Materials, Fabrication, Tools and Measuring Devices
- Routine Vehicle Maintenance
- Power Plant, Lubrication, and Cooling System Units & Components

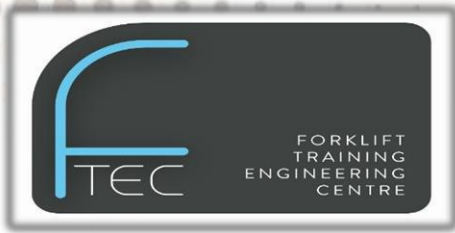


Programme Content

Year Two –Level 2

The technical units include, Knowledge, Skills and Behaviour of:

- Fuel, Ignition, Air and Exhaust System Units and Components
- Removing and Replacing Electrical Units and Components
- Removing and Replacing Mechanical & Chassis Units and Components
- Inspecting and servicing machinery
- How to Identify and Agree Customer Service Needs

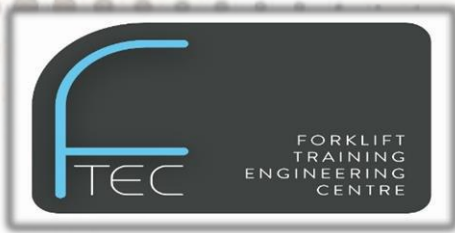


Programme Content

Year Three – Level 3

The technical units include, Knowledge, Skills and Behaviour of:

- Making Learning Possible Through Demonstrations & Instructions
- Inspecting Trucks/Mewps to comply with Legal requirements
- Diagnosing and Rectifying Power Plant Engine Unit Faults
- Diagnosing & Rectifying Mechanical & Chassis System Faults
- Diagnosing and Rectifying Electrical Units and Component Faults



How are F-TEC shaking up the Industry?

Two new supporting initiatives

Benchmarking
and
Pro-TEC



IF-TECBenchmark competence Matrix

ftec.org.uk
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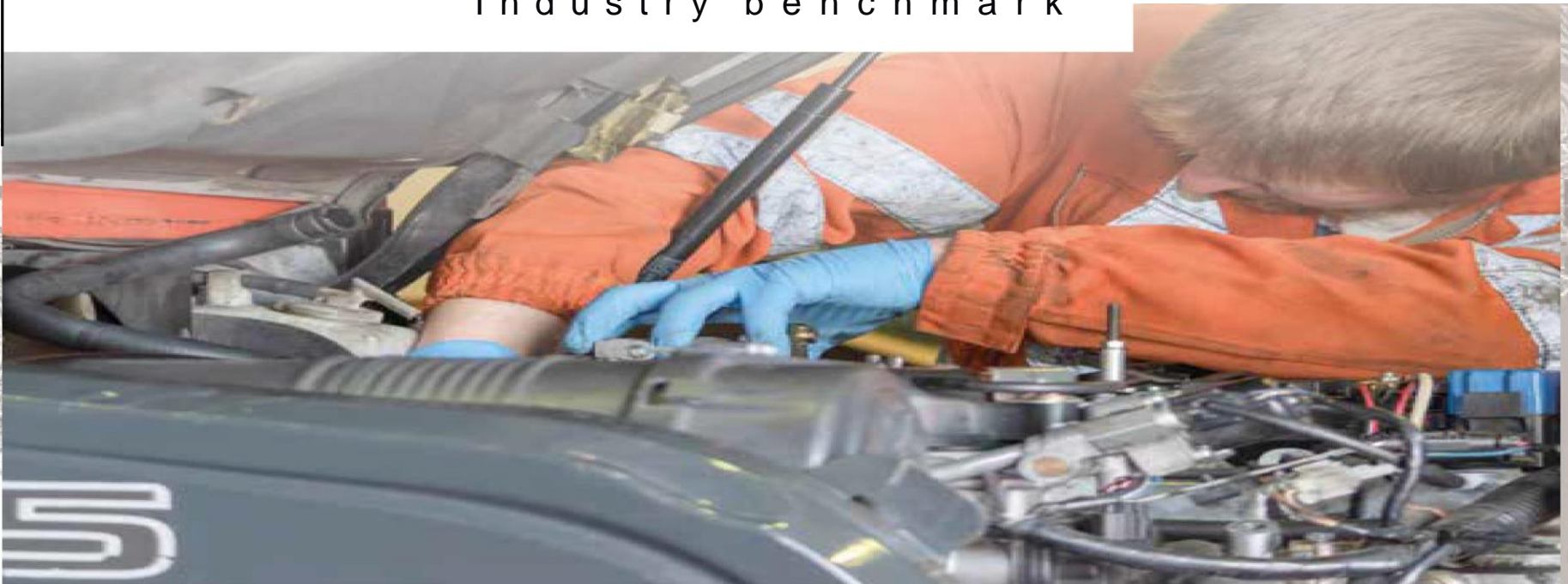
Advanced Electronics L3	Engines and Power units L3	Engines & Electrical Controls L3	Chassis & Advanced Hydraulics L3	Teaching or mentoring others L3
Vehicle Inspections L2	Service and Maintenance L1	Electrical Applications L1	Electrical Principles L2	Chassis & Introduction to Hydraulics L2
Customer Service L2	Transmissions & DriveTrain L1	Engines Mechanical & Fuel Ignition L2	Health & Safety Risk Assessment L2	Health & Safety Good Housekeeping L2

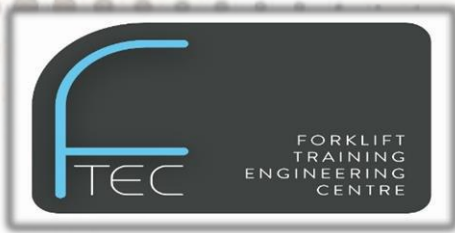


f-tec.org.uk
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F-TEC Benchmark Recruitment & benchmarking tool for the FLT industry

Online assessment
Accredited qualification
Assess recruits
Industry benchmark





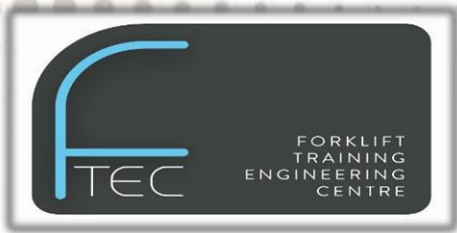
F-TEC Benchmark

Features

- Online Assessment
 - Straightforward system
 - Results on completion
- Accredited Qualification
 - Industry standard
 - Highlights current skills & knowledge

Benefits

- Assess Recruits
 - Strengths and weaknesses
 - Training needs analysis
- Industry Benchmark
 - Level 3 Industry approved standard (Currency)
 - Identifies current training needs



Professional Register

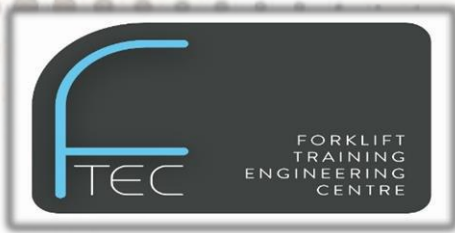
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Pro-TEC Professional register of FLT technicians

The defining register
Approved standards
Recruit with confidence
Staff development





Professional Register

Features

- The defining register
 - Joining our industry partners
 - Dedicated register for our industry
- Approved standards
 - Industry Approved level 3 standard (Currency)
 - All technicians to be level 3 trained

Benefits

- Recruit with confidence
 - Knowing they are on the pro-TEC register
 - Achieved level 3 standard (Currency)
- Staff development
 - Highlights strengths and weaknesses
 - Helps create training plans



'It's all about currency'

What to do next?

Q & A

Interested?