

1

ON PROGRAMME DELIVERY

- Typically 36 months duration, not including EPA period
- Minimum 6 hours per week recorded off the job training
- Complete agreed training programme to gain the required level of knowledge and skills
- Achievement of English and Maths level 2
- Achievement of Level 3 Diploma in Installing Engineering Construction Plant and Systems
- Completion of portfolio of evidence



2

GATEWAY

- Achieved a minimum level 2 English and Maths
- Satisfactory completion of the training plan agreed with the apprentice by the employer
- Sufficient evidence in the form of a portfolio to allow the apprentice to consistently demonstrate knowledge, skills and behaviours as described in the standard
- Employer satisfied that the apprentice is consistently working at or above the required level of occupational competence
- Employer, training provider and EPAO agree EPA process



3

SKILLS

- 8-hour practical observation
- One holistic pipefitting task where the Apprentice must work to the tolerances and specifications stated in an engineering drawing to fabricate, assemble, install, test, and then dismantle a piping assembly
- Observed and managed by an independent assessor
- 55% weighting towards final grade
- During the test the assessor can question the apprentice to ascertain the breadth and depth of their underpinning knowledge
- Pass, Merit and Distinction available



4

KNOWLEDGE

- Conducted under exam conditions
- 50 multiple choice knowledge questions
- 60% pass mark
- 35% weighting towards final grade
- Pass, Merit and Distinction available



5

BEHAVIOURS

- Assessed during a structured professional review
- 90-minute duration
- The professional review will assess the KSBs as specified in the standards
- Portfolio of evidence can be used to support the professional review
- 10% weighting towards final grade
- Pass, Merit and Distinction available



6

OCCUPATIONAL ACHIEVEMENT

- Observation, knowledge test and professional review must all be passed to achieve EPA
- Minimum of 60% required in observation, knowledge, and professional review to achieve a pass grade.
- Final grade awarded:
 - Fail (below 60%)
 - Pass (60% plus pass in all 3 elements)
 - Merit (70% plus minimum of 2 merits)
 - Distinction (85% plus minimum of 2 merits and 1 distinction)
- Results released following internal quality assurance
- Certification applied for from the ESFA and forwarded to the employer.



ENG TECH PROFESSIONAL RECOGNITION

The Engineering Construction Pipefitter Apprenticeship Standard has been designed to align with the requirements of the Engineering Council's Professional Standards, as detailed in the United Kingdom Specification of Professional Engineering Competence (UKSPEC) at Engineering Technician (EngTech) level. This has been confirmed by a Professional Engineering Institution.