

L3 EPA Engineering Construction Pipefitter



EPA Specification Section 5.1 – The Knowledge Assessment

- Criteria
- Grading

Contacts

This specification has been designed to provide all the advice and guidance you need to prepare yourself and your apprentices for endpoint assessment. However, if you have any further questions please contact the EUIAS Help Desk using one of the following:

**Help Desk email: enquiries@euias.co.uk
Help Desk telephone: 0121 713 8310**

Introduction

The Knowledge Test consists of 50 multiple choice questions sampling the knowledge, skills and behaviours (listed below as K1, K2, K3, K4, K5, K6, K7, K8, K9, S4 and B7) of the ECP standard. The practice test supplied as part of this document illustrates the formal and style of the assessment.

Preparing for the Knowledge Test

- While on-programme, the employer or training provider should ensure the apprentice is familiar with all areas assessed by the Knowledge Test
- The employer or training provider should support the apprentice to complete a practice test and provide them with formative feedback to enable them identify areas of further learning

Knowledge Test Criteria

The criteria that are covered in the Knowledge Test (KT) are listed below. In each assessment, questions will cover each of the areas; not every aspect of every area will be covered in every assessment. Refer to Section 4 for amplification and guidance.

KSB	Number of KT questions
K1 Relevant health, safety and environmental legislation, regulations and company-specific requirements for safe working practices and procedures B7 Maintain a safe, clean and tidy work area	4-6
K2 Importance and benefits of recognised Industry safety passport schemes	1-2
K3 How to work safely, personal site safety responsibilities and how to respond to and provide solutions to problems and emergencies	3-5
K4 Engineering practices and principles including reading engineering drawings and marking out techniques S4 Read, interpret and apply engineering drawing information	5-7
K5 Mathematical techniques and formula related to the fabrication, development and installation of pipework systems	7-9
K6 How to correctly select and safely use hand tools, mechanical tools and equipment in differing environments for the fabrication, repair, installation and decommissioning of pipework systems	7-9
K7 Common and specialist pipe materials such as ferrous, non-ferrous and non-metallic including fittings associated with the pipework components and systems	7-9
K8 Pipework preparation, fabrication, installation, maintenance, testing and decommissioning techniques commonly used throughout the Engineering Construction industry	7-9
K9 Appropriate codes, practices and industry standards and their application to ensure quality requirements are met	1-3

Knowledge Test Grading

This component is graded as follows:

Grade	Mark
Fail	< 30 marks
Pass	30 – 34 marks
Merit	35 – 42 marks
Distinction	43 - 50 marks