

Welcome to SIAS

SIAS is an Awarding Organisation regulated in England by the Office of Qualifications and Examinations Regulation (Ofqual) and in Northern Ireland by the Council for Curriculum, Examination and Assessment Regulation (CCEA).

We exist to drive positive change, and across STEM industries globally, we empower learners to achieve their full potential.

As the leading Awarding Organisation for the technical science, manufacturing, engineering and low carbon sectors, we are disrupting through innovative and collaborative approaches.

Our mission is to deliver transformational experiences and solutions that support the skills agenda.



Key Facts

Qualification Title	SIAS Level 2 Certificate in the Fundamentals of Process Industry Manufacturing
Qualification Number	610/4711/9
Credit Value	30
Guided Learning Hours (GLH)	205
Total Qualification Time (TQT)	300
Assessment Methods	Multiple-Choice Question Examinations
Operational Start Date	15 September 2024
Regulation	This qualification is regulated by Ofqual

Qualification Objective

The SIAS Level 2 Certificate in the Fundamentals of Process Industry Manufacturing is designed to develop the learner's knowledge and understanding in the basic principles and practices involved in the process manufacturing industry. The qualification is aimed at individuals entering the process industry manufacturing sector. It covers key areas such as health and safety, teamwork, scientific and mathematical principles, and the fundamentals of process manufacturing operations. Following completion of the qualification, the learner will have a clear understanding of how to carry out the role of an operative within the sector.

Entry Requirements

This qualification is available to learners aged 16+. There are no formal entry requirements for the SIAS Level 2 Certificate in the Fundamentals of Process Industry Manufacturing. However, learners should have a basic understanding of English and mathematics. Centres should also ensure learners are able to complete this qualification, for example, through completing an initial assessment to ensure they can work at the appropriate level.

Qualification Structure

To be awarded the SIAS Level 2 Certificate in the Fundamentals of Process Industry Manufacturing learners must achieve the following:

- ✓ 30 credits from the 4 mandatory units listed below:

Ofqual Unit Reference	Unit Title	Level	Credit	GLH	TQT
Mandatory Units					
H/651/3112	Principles of Health, Safety and the Environment in Process Industry Manufacturing	2	7	50	70
J/651/3113	Work Effectively both Individually and as Part of a Team	2	3	20	30
K/651/3114	Fundamentals of Scientific and Mathematical Principles in Process Industry Manufacturing	2	9	65	90
L/651/3115	Fundamentals of Process Industry Manufacturing Operations	2	11	70	110
TOTAL			30	205	300

Grading

This qualification is graded as a pass/fail.

Assessment Method(s)

The SIAS Level 2 Certificate in the Fundamentals of Process Industry Manufacturing contains 4 mandatory knowledge units.

To achieve the qualification, learners must successfully pass all assessments:

Unit Title	Assessment Method	Set by	Marked by
Principles of Health, Safety and the Environment in Process Industry Manufacturing	Externally set and marked multiple-choice question examination	SIAS	SIAS
Work Effectively both Individually and as Part of a Team	Externally set and marked multiple-choice question examination	SIAS	SIAS
Fundamentals of Scientific and Mathematical Principles in Process Industry Manufacturing	Externally set and marked multiple-choice question examination	SIAS	SIAS
Fundamentals of Process Industry Manufacturing Operations	Externally set and marked multiple-choice question examination	SIAS	SIAS

Centre and Qualification Approval

To deliver this qualification, the centre must be recognised by SIAS and must apply for approval for each qualification they intend to offer.

For details of our centre recognition and qualification approval process, visit our website or contact us at info@siasuk.com.

Further Information

For information about SIAS and general enquiries please see our website: www.siasuk.com

or contact:

Telephone: 01925 515211

Email: info@siasuk.com