

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 Award in the Introduction to the Nuclear Industry
Qualification Number	610/6297/2
Guided Learning Hours (GLH)	7
Total Qualification Time (TQT)	11
Assessment Methods	Multiple-choice Question Examination
Operational Start Date	1st September 2025
Regulation	This qualification is regulated by Ofqual

Qualification Objective

The SIAS Level 2 Award in the Introduction to the Nuclear Industry is designed to develop the learner's basic awareness of the nuclear industry an introduction to the sector. It covers the history and development of the industry, the role of regulation and safety culture, the science behind nuclear processes, and the nuclear fuel cycle. Learners will also gain an understanding of radiation, contamination, and measures to reduce exposure. This qualification is designed to prepare individuals for safe and informed work in nuclear environments or to support further study in related fields.

This qualification has been developed by SIAS in partnership with the National Skills Academy Nuclear (NSAN).

Entry Requirements

This qualification is available for learners aged 16+.

There are no formal entry requirements for the SIAS Level 2 Award in the Introduction to the Nuclear Industry. 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 achieve the SIAS Level 2 Award in the Introduction to the Nuclear Industry, learners must achieve the following 2 mandatory units as described below:

Ofqual Unit Reference	Unit Title	Level	GLH	TQT
K/651/7625	Introduction to the History, Regulation and Safety Culture in the Nuclear Industry	2	3	5
L/651/7626	Introduction to Nuclear Science	2	4	6
TOTAL			7	11

Grading

This qualification is graded as a pass/fail.

Assessment Method(s)

The SIAS Level 2 Award in the Introduction to the Nuclear Industry contains 2 mandatory knowledge units.

To achieve the qualification, learners must successfully pass the 1 assessment for the 2 mandatory units listed below.

Unit Title	Assessment Method	Set by	Marked by
Introduction to the History, Regulation and Safety Culture in the Nuclear Industry	Externally set and marked multiple-choice question examination	SIAS	SIAS
Introduction to Nuclear Science			

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 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