

SIAS Level 2 Award in the Introduction to Hydrogen Storage



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 Regulation).

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 Hydrogen Storage
Qualification Number	610/6302/2
Guided Learning Hours (GLH)	20
Total Qualification Time (TQT)	25
Assessment Methods	Multiple-Choice Question Examination
Operational Start Date	1st September 2025
Regulation	This qualification is regulated by Ofqual and CCEA Regulation

Qualification Objective

The SIAS Level 2 Award in the Introduction to Hydrogen Storage is designed to provide learners with the essential knowledge and understanding required to support safe, legal, and effective hydrogen storage operations across industrial settings. It aims to develop awareness of hydrogen's properties, storage methods, regulatory requirements, site preparation, risk identification, and emergency response procedures. Learners will also gain an understanding of routine monitoring, documentation, and stakeholder communication practices essential for maintaining operational safety and compliance.

Entry Requirements

This qualification is available for learners aged 16+. Learners must have achieved the SIAS Level 2 Award in the Introduction to Hydrogen Safety or an equivalent qualification prior to enrolling.

Centres should take reasonable steps to ensure learners are able to complete this qualification, for example by carrying out an initial assessment to confirm they can work at the appropriate level.

Qualification Structure

To be awarded the SIAS Level 2 Award in the Introduction to Hydrogen Storage learners must achieve the following.

- All mandatory units listed in the table below.

Ofqual Unit Reference	Unit Title	Level	GLH	TQT
H/651/7632	Unit 1: Principles of Safe Hydrogen Storage	2	7	8
J/651/7633	Unit 2: Planning and Preparing Hydrogen Storage Operations	2	3	4
K/651/7634	Unit 3: Managing and Maintaining Hydrogen Storage Conditions	2	5	7
L/651/7635	Unit 4: Monitoring and Responding to Abnormal Conditions in Hydrogen Storage	2	5	6
TOTAL			20	25

Grading

This qualification is graded as a pass/fail.

Assessment Method(s)

Unit Title	Assessment Method	Set by	Marked by
Unit 1: Principles of Safe Hydrogen Storage	Externally set and marked multiple-choice question examination	SIAS	SIAS
Unit 2: Planning and Preparing Hydrogen Storage Operations			
Unit 3: Managing and Maintaining Hydrogen Storage Conditions			
Unit 4: Monitoring and Responding to Abnormal Conditions in Hydrogen Storage			

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