Assessment Guidance
Diploma in Maritime Studies: Able Seafarer (Engine Room) at SCQF Level 5
GL2E 45

Contents

History of changes

Version number	Date	Description

About this guide

This guide provides some practical examples of how to assess your candidates for the Diploma in Maritime Studies: Able Seafarer (Engine Room) at SCQF Level 5.

It explains requirements applicable to the whole qualification or a number of Units in the qualification, where appropriate.

You may be able to think of other ways of assessing your candidates and recording your decisions about their competence. For example, while it is a requirement for all Assessment Criteria in each Unit to be assessed; there is still the option for holistic assessment across Units, where appropriate.

The assessment guidance contains some general examples of assessment practice that are typical to most job roles. Assessment Requirements for the Units in this qualification may be found in the appendix to this assessment guidance and/or can be accessed from SQA's website **(www.sqa.org.uk)**.

Centres are reminded that it is their responsibility to ensure that assessments are appropriate and that quality assurance procedures are followed.

Unit specification

A standard Unit specification template is used in this qualification. The template contains both mandatory and optional sections. The latter may only be required in certain developments.

The Unit specification template is explained below:

Title	This is the accredited Unit title.	MANDATORY
Learning Outcomes	**Assessment Criteria**	
Learning Outcomes set out what a candidate is expected to know, understand or be able to do as the result of a process of learning.	*Assessment Criteria specify the standard a candidate is expected to meet to demonstrate that the Learning Outcomes of that Unit have been achieved.* *All Assessment Criteria must be achieved.*	
Additional information about the Unit *Appropriate additional information may be added here.*		
Unit purpose and aim(s) *This provides a succinct summary of the Learning Outcomes of the Unit.*		
Details of the relationship between the Unit and other standards or curricula		OPTIONAL
This will only be completed where there are relevant other professional standards or curricula.		
Assessment requirements specified by a sector or regulatory body *This will only be completed where a particular approach to assessment is required to meet the requirements of one or more qualifications.*		

Assessment (evidence) Requirements:

This section outlines the types of evidence that candidates must produce, how much evidence is required and where applicable, any restrictions on the way in which the evidence must be produced, ie the conditions of assessment, to meet the requirements of the Assessment Criteria.

Guidance on Instruments of Assessment:

Instruments of Assessment should be selected to meet the evidence required by the Assessment Criteria within the Unit. In this section, some Instruments of Assessment may be suggested. However, their use is not mandatory.

Who is involved in this qualification?

There are several roles:

Candidate: the person who wants to achieve the qualification (eg an employee)

Assessor: the person who assesses the candidate and decides if they are competent (eg supervisor)

Internal verifier: an individual nominated by the centre (eg a company) who ensures that assessors apply the standards uniformly and consistently (eg supervisor's line manager)

External Verifier: an individual appointed by SQA who ensures that standards are being applied uniformly and consistently across all centres offering the qualification

Requirements specific to this qualification

Different Units may require different assessment approaches, for example, some Units will have knowledge-based assessments, whereas others may have performance-based approaches.

In some qualifications, we must also apply any requirements specified by the relevant Sector Skills Council (SSC) or Standard Setting Body (SSB) in their Assessment Strategy which outlines the way in which Units are assessed.

The following Assessment Strategy applies to this qualification:

♦ Maritime Skills Alliance Assessment Strategy by Maritime Skills Alliance (MSA)

The Assessment Strategy can be found on SQA's website: http://www.sqa.org.uk/sqa/64778.html?sector=371.

The steps involved in assessing a candidate for this qualification

In deciding whether a candidate should get a qualification, you will go through these stages:

♦ planning for assessment
♦ generating and collecting evidence of the candidate's competence in the Units
♦ judging the evidence of the candidate's ability and making an assessment decision based on the evidence
♦ recording the assessment decision and the candidate's achievement

1 The Diploma in Maritime Studies: Able Seafarer (Engine Room) at SCQF Level 5

The Diploma in Maritime Studies: Able Seafarer (Engine Room) at SCQF Level 5 has been developed by the Merchant Navy Training Board and Maritime Skills Alliance and is intended for people who are working as deck ratings in the Merchant Navy and similar roles.

These people are likely to be working as deck ratings in a range of roles, particularly on board ferries and cruise ships, or in other vessels in the Merchant Navy or similar.

They will require skills and knowledge in understanding the role and safe operation of an engine room and its systems, routine maintenance, hand skills to maintain and replace componenets, and practical matters associated with safety on board, including in emergencies.

The Diploma is designed to be assessed in the workplace, or in conditions of the workplace. This is likely to include a range of options on board and ashore designed in partnership between the training provider and the employer in line with a vessel's operational requirements.

Structure of the Diploma

This section lists the Units which form the Diploma in Maritime Studies: Able Seafarer (Engine Room) at SCQF Level 5.

Diploma in Maritime Studies: Able Seafarer (Engine Room) SCQF level 5 GL2E 45

Mandatory Units

SQA ref	SCQF level	SCQF credit points	SSC ref	Title
H0J9 04	5	6	MSA 1	Maritime Employment, Environmental and Health and Safety Practice
H0JA 04	4	4	MSA 2	Maritime Sector Overview
H0JE 04	5	2	MSA 13	Survival in the Water During Maritime Emergencies
H0JF 04	5	6	MSA 14	Vessel Fire Prevention and Fire Fighting (STCW)
H0JG 04	5	1	MSA 15	Maritime Security
H0JH 04	5	2	MSA 16	Emergency First Aid in Response to Maritime Accidents or Medical Emergencies
HC3A 04	6	8	MSA 26	Safe Operation of Merchant Vessel Machinery Systems
HC3D 04	6	3	MSA 27	Electrical Safety on Merchant Vessels
HC3E 04	5	22	MSA 28	Producing Components Using Hand Fitting Techniques
HC3F 04	5	29	MSA 76	Preparing and Using Lathes for Turning Operations

Additional Units

SQA ref	SCQF level	SCQF credit points	SSC ref	Title
H0JM 04	6	5	MSA 29	Control Operation of Survival Craft and Rescue Boats
HC3G 04	5	34	MSA 75	Maintaining Electrical Equipment/Systems
H3CH 04	7	6	MSA 59	Provide Fire Fighting Response on Board a Vessel

Why would people be interested in the qualification?

People will take this qualification for a variety of reasons: to gain promotion, to prepare for an occupational role, or for personal development. There will be other reasons too. One of the first things to do is to find out why your candidates want to do the qualification, and to advise them of the appropriateness of the qualification. If anyone is acting as a coach or mentor to your candidates, they might help you to do this.

How do candidates begin?

Choosing the right qualification

You should make sure that candidates get guidance before starting out on this qualification — they need advice to ensure, for example their existing job remit, skills, experience, and their plans for progression, are matched to the qualification selected. It does not have to be you as the assessor, who carried out the matching process, but whoever has responsibility for this should ensure that the assessment opportunities available to the candidate are also considered.

2 Preparing to assess this qualification

This section offers practical advice on how to begin to go about assessing your candidates for this qualification. This advice is offered as examples of good practice — you may develop your own approaches to assessing your candidates which also work well.

Your role and your candidate's role

Assessing the qualification will involve several stages. Both you and the candidate should be clear on your roles in the assessment process before you begin.

Your role

♦ ensure candidates understand what is to be assessed and how it is to be assessed
♦ ensure the conditions and resources required for assessment are available
♦ help candidates to identify and gather evidence
♦ observe and record candidates carrying out the activities described in the Units — records should say what has been observed, how it was carried out, and what it demonstrates
♦ assess products of the candidate's own work
♦ question candidates and record results
♦ help candidates to present evidence
♦ authenticate the evidence candidates provide
♦ judge evidence and make assessment decisions
♦ identify gaps or shortfalls in candidates' competence
♦ provide feedback to candidates throughout the assessment process
♦ record achievement

Candidate's role

♦ prepare for assessment — become familiar with the Units, what is to be assessed and how it is to be assessed
♦ help to identify sources of evidence and how these could be assessed
♦ carry out activities, and/or produce products of own work, and/or answer questions
♦ gather and present evidence
♦ receive and act on feedback from the assessor

Planning

In planning for assessment, you will find it helpful to meet with your candidate and plan what is to be assessed, in what way, and when and where the assessment is to take place. This discussion can be confirmed in the form of an agreed assessment plan between you and your candidate.

You should treat assessment plans as working documents — they can be updated and changed as you review progress with your candidate.

As you are planning assessment, don't forget to make the most of opportunities to integrate assessment. This means planning to assess an activity which draws on the contents of different Units or Learning Outcomes. It can be a practical and cost-effective way of assessing your candidate's competence.

To help you plan for assessment, we have produced an assessment plan which covers a typical health and safety Unit. This Unit is not part of this qualification. It is included as guidance only. Examples relevant to this Unit are used throughout the rest of this assessment guidance.

Structure of the Unit

Unit	Promote a Culture of Health and Safety in the Workplace
Learning Outcome — the candidate will:	**Assessment Criterion — the candidate can:**
1 Be able to develop plans to promote a health and safety culture in the workplace.	1.1 Identify where improvements and changes may be necessary.
	1.2 Identify how information on health and safety instructions and regulations are currently communicated.
	1.3 Identify current level of understanding and support for health and safety instructions and procedures.
	1.4 Develop a plan based on findings to include performance measures, review dates and resources.
	1.5 Include in the plan opportunities for promoting the advantages and legal necessity of following health and safety procedures.
2 Implement the plan to promote a health and safety culture in the workplace.	2.1 Present the plan to the responsible people for the workplace to gain their support.
	2.2 Identify those in the workplace who will require advice about the plan to promote a health and safety culture in the workplace.
	2.3 Ensure that relevant information and advice is provided at a timely way and provide opportunities for encouraging ideas on good practice.
	2.4 Measure the effectiveness of the plan against past and present performance.

Assessment plan

Unit	Promote a Culture of Health and Safety in the Workplace				
Learning Outcomes	1 Be able to develop plans to promote a health and safety culture in the workplace. 2 Implement the plan to promote a health and safety culture in the workplace.				
Activities	**Assessment Criteria**	**Method of assessment/Sources of evidence**	**Date of assessment**	**Evidence already available**	**Links to other Units (Assessment Criteria)**
Conduct a review of currently available health and safety documentation and procedures to ensure understanding (ie staff handbooks, induction information, etc).	1.2	Review documentation (product evidence) Question and Answer	By 24/01/14 09/02/14 (first review)		
Conduct a review of the working environment.	1.2	Observation of review Question and Answer	21/01/14 21/01/14		
Devise a questionnaire for all staff to identify current level of understanding and support. Staff complete questionnaire.	1.3	Questionnaire (product evidence)	By 24/01/14		
Attend health and safety meetings.	1.2	Personal statement	By 24/01/14		
Develop a plan based on findings.	1.1, 1.4, 1.5, 2.2	Plan	By 18/02/14		

Assessment plan (cont)

Activities	Assessment Criteria	Method of assessment/Sources of evidence	Date of assessment	Evidence already available	Links to other Units (Assessment Criteria)
Present plan to the responsible people.	2.1	Observation of presentation. Witness testimony of those 'presented' to.	22/02/14		
Run focus groups with staff to ensure relevant information and advice is provided.	2.3	Observation of focus group.	16/03/14		
Staff complete questionnaire to compare against previous findings. Conduct a re-review of working environment.	2.4	Findings of completed questionnaire compared to previous results (product evidence).	By 20/03/14		
Use performance measures as indicated in plan (such as % of dangerous occurrences) to measure effectiveness of plan.	2.4	Report on performance measure comparisons (product evidence).	By 20/03/14		

Assessor's signature   *Peter Hoskins*

Candidate's signature   *Paul Lee*

Date of agreement   05/01/14

1st review due   *09/02/14*

2nd review due   *16/03/14*

Date of completion   01/04/14

Selecting methods of assessment

The methods of assessment you use should be valid, reliable and practicable.

♦ By *valid* we mean that the assessment method should be appropriate to the Units
♦ By *reliable* we mean that the assessment method should ensure consistent results when used with different candidates, different assessors and on different occasions
♦ By *practicable* we mean that the method ensures that the assessment makes best use of available resources, equipment and time

Before you assess a candidate, you must make sure that the methods of assessment you have chosen to use, along with any assessment materials (such as questions and sample answers) have been agreed within your centre through its system of internal quality assurance. This system is often called *internal verification* — its purpose is to help to ensure that assessment methods are valid, reliable and practicable.

There are both benefits and challenges when you are assessing qualifications in the workplace, or in conditions in the workplace. When you select methods of assessment, you should try to offer the candidate the benefits of workplace assessment and minimise any potential difficulties.

The benefits might be:

♦ familiarity with working environment
♦ familiarity between candidate and assessor
♦ assessment supports valid work practices

The challenges might be:

♦ staff co-operation to complete required documentation/provide information
♦ time commitments

Example

You could agree with a candidate working in an engineering firm who has to ensure that relevant information and advice on health and safety is provided in a timely way, that this will be carried out by **observation** when situations arise. If you are an assessor who is working alongside the candidate you should be well placed to observe the candidate's performance, perhaps using a prepared checklist, and to question the candidate about the situation afterwards.

Methods of assessment

Assessment may involve a range of assessment methods. For this qualification, some of the most commonly used methods are observation, product evidence, and questioning.

Observation

Observation by an assessor is considered to be the most valid and reliable method of assessment. It can be organised in a variety of ways:

♦ working alongside the candidate
♦ arranging to visit when naturally-occurring activities are carried out by the candidate
♦ arranging for activities to take place

Observation by the assessor can often be supplemented by other types of assessment methods such as questioning. For example, it may be appropriate to ask oral questions of candidates as they carry out naturally-occurring activities.

Example

Observation could be used for assessment of this Unit in a variety of ways such as:

♦ Assessor could observe the candidate undertaking a review of the work environment. The candidate is undertaking this review to identify how information on health and safety instructions and regulations are currently communicated. The assessor can note if the candidate 'misses' any key factors to support this Assessment Criteria and can also use question and answer techniques alongside this observation to see what the candidate did/did not notice.
♦ Assessor could observe the candidate presenting the plan resulting from the findings of the review to the responsible people. The structure and the clarity of this presentation would be important for the assessor to observe.

Product evidence

As candidates work towards achieving the qualification, they will produce evidence in the form of products of their work. The nature of this evidence can vary widely depending on what the candidate's job entails, but examples of product evidence include:

Example
♦ The plan to promote a health and safety culture.
♦ A questionnaire for all staff to identify how information on health and safety instructions and regulations are currently communicated.
♦ Report on performance measures comparison (past and present performance) to review the effectiveness of the plan.

Questioning

Candidates have to show that they can meet the knowledge specifications for the qualifications. Much of a candidate's knowledge and understanding will be apparent from what they do or produce as part of their work, but this will not always be the case and questioning can be a useful way of confirming what candidates know and understand.

Questions can be asked in a variety of forms, such as oral questions, short answer written questions and multiple-choice.

You should be careful that the method of questioning does not go beyond the competence required for the qualification and become a barrier to fair assessment. For example, some candidates will feel more comfortable with oral questions than written.

Example

Oral questioning examples for this Unit:

Q Whilst observing you undertaking your review of the workplace, I noticed you referenced a trip hazard as a potential problem. Could you explain how you would provide support/information to promote a culture of health and safety so that such a hazard is removed?

A I would talk to the staff about both short and long-term solutions to the problem, asking them why the trip hazard is there in the first place. If it needs to stay there, then in the short-term they need to look at adequate signage, but in the long-term there needs to be a solution that removes the trip hazard, this may involve moving equipment, adding extra plug sockets, etc.

Q Having completed your review, how would you rate the way health and safety information is currently communicated to the workforce within your organisation?

A I'd say that currently the communication with regard to health and safety is adequate; there are some good practices, but there are also plenty of opportunities for improvement.

Other methods of assessment

These methods, like questioning, are often used for authentication. See Section 3 for more about authenticating candidates' evidence.

Personal statements

You might sometimes find it helpful to ask a candidate to give an account of why they did an activity in a certain way or how they produced a product of their work. This is often referred to as a *personal statement*. You should take care to ensure that by asking candidates to produce such statements, you are not asking them to demonstrate competence beyond what is required by the standards. You should also be selective in the use of personal statements, and make sure they have not been produced as a substitute to a more valid, reliable and practical method of assessment.

Example

A personal statement could be used as part of the assessment methodology for this Unit to provide an opportunity for the candidate to 'write up'/evaluate his attendance at the health and safety meeting. The candidate could be asked to include this in their personal statement showing how the meeting contributed to the plan. Similarly following the focus groups a personal statement could provide evidence of findings and why the candidate then suggested particular activities within the plan.

Witness testimony

For practical reasons, you may not be able to observe all the activities carried out by your candidates, but might feel that other people may be able to provide a statement on what your candidates have been doing or producing as part of their work. Statements of this kind are called *witness testimony*, and are often used to support other evidence produced by candidates. If witness testimony is used, you should, ideally, identify witnesses and opportunities for using their testimony as part of assessment planning.

You should bear in mind that the weight of the evidence will vary, depending on the knowledge and expertise of the person providing the witness testimony. You will have to take these factors into account as you make your judgement.

Strongest	Someone with considerable occupational expertise in the candidate's area of work and who is familiar with the Units. This person may also be an appropriately qualified assessor and internal verifier.
	Someone with considerable occupational expertise in the candidate's area of work and who is familiar with the Units.
	Someone with considerable occupational expertise in the candidate's area of work, but with no knowledge of the Units.
	Someone who may be a colleague of the candidate, but with no knowledge of the Units.
Weakest	Someone with no or little knowledge of the candidate's work or no knowledge of the Units.

Witness testimony is unlikely to be sufficient in itself for a decision about the candidate's competence, and would normally be supplemented by questioning candidates.

Simulation

Simulation is any structured assessment exercise involving a specific task which reproduces real-life situations.

On some occasions, it may not be practical to assess a candidate in real work. Examples might be where the standards require candidates to carry out emergency or contingency procedures, or where client confidentiality is an issue, or where a candidate's job role does not cover all aspects of the qualification.

More information on the use of simulation and the description of a realistic working environment can be found in the 'Requirements specific to this qualification' section on page 4 of this assessment guidance.

Other sources of evidence

Other sources of evidence can be previous experience or learning, case studies or assignments.

SQA's *Guide to Assessment* (see Section 5) has more advice on methods of assessment and how to ensure that your assessment is valid, reliable and practicable.

3 Generating evidence

The methods of assessment you use should generate sufficient evidence to demonstrate the candidate's competence.

We described earlier the circumstances in which you might choose to use different methods of assessment. Starting on the next page, this section gives you examples of forms which you can use to record and present evidence of:

- observation (by the assessor)
- questions and candidate responses
- personal statement (produced by the candidate)
- witness testimony

Observation

For observation, note that the form asks you to record the skills and activities observed. This helps you to make a judgement on how the activity was carried out and what it demonstrates.

Observation record

Unit/Learning Outcome(s) Promote a Culture of Health and Safety in the Workplace
Candidate Paul Lee
Evidence index number 4
Date of observation 21/01/14

Skills/activities observed	Assessment Criteria covered
A thorough review of the workplace environment was carried out by Paul. This review included the observation of current posters, signage, etc that was displayed in the environment. Paul also spoke to several employees to ask them about how information on instructions and regulations was communicated to them. Paul made comprehensive notes during the review.	1.2 Identify how information on health and safety instructions and regulations are currently communicated. 1.3 Identify current level of understanding and support for health and safety instructions and procedures.

Knowledge and understanding apparent from this observation

Current communication strategies in respect of health and safety
Paul completed a thorough review which will support the development of a plan to promote a health and safety culture within the organisation.

Current level of understanding and support for health and safety instructions and procedures
Through his insightful discussions with employees as he conducted his review Paul was able to identify the current level of understanding and support for health and safety within the organisation which will all make a valuable contribution to the development of his plan.

Other Units/Learning Outcomes to which this evidence may contribute

Assessor's comments and feedback to candidate

The review and supporting notes you have completed Paul clearly demonstrate that you can: identify how instructions and regulations are currently communicated and where improvements and changes may be necessary.

Well done.

I can confirm the candidate's performance was satisfactory.

Assessor's signature *Peter Hoskins* **Date** *21/01/14*

Candidate's signature *Paul Lee* **Date** *21/01/14*

Questions and candidate responses

This form can be used to record any questions you might ask the candidate to establish what they know and understand. You should note the candidate's responses on this form too.

Note that there is a space near the top of the form for you to record when, where, how and why you asked the questions.

Where you want to give the candidate written questions, this form could also be used.

Record of questions and candidate's answers

Unit	Promote a Culture of Health and Safety in the Workplace
Learning Outcome(s)	
Evidence index number	6
Circumstances of assessment	

First review session with candidate.

(Considering Assessment Criteria: 1.2 and 1.3 in particular)

List of questions and candidate's responses	
Q	Having completed your review of the workplace how would you rate the way health and safety information is currently communicated to the workforce within your organisation? Can you support your view?
A	I'd say that currently the communication with regard to health and safety is adequate, there are some good practices, but there are also plenty of opportunities for improvement.
Q	Having completed your review, spoken to employees and collated the results of your questionnaire what would you say is the current level of understanding and support for health and safety instructions and procedures?
A	Generally the understanding of health and safety instructions and procedures is good. All employees remembered the information they had been given at induction, they could show me the relevant sections within the staff handbook and they were aware of the importance of health and safety. However in some of the operational areas there are instances where standards have begun to slip and shortcuts are being made. When I develop my plan I will need to focus on opportunities for promoting the advantages and legal necessity of following health and safety procedures. I'm sure management will support me with this.

Assessor's signature   _Peter Hoskins_   **Date**   _16/03/14_

Candidate's signature   _Paul Lee_   **Date**   _16/03/14_

Candidate's personal statement

If a personal statement is being used as evidence, it should be completed by the candidate. The statement should record what they did, how and why they chose to carry out an activity or produce work in a certain way. Where other people may have been present during an activity and they may be able to provide witness testimony, the candidate should record how the statement links to other evidence in the column provided.

Personal statement

Date	Evidence index number	Details of statement	Links to other evidence (enter numbers)	Unit, Learning Outcomes, Assessment Criteria covered
24/01/14	5	Having attended the health and safety meeting today, I have been able to identify further how information on health and safety instructions and regulations are currently communicated. I think the meeting also improved my awareness of the current level of understanding and support for health and safety. Clearly the management team is very supportive of all health and safety issues and this was highlighted in a report discussed at the meeting about an incident at another factory. The meeting has also clarified my thoughts on providing opportunities to promote the advantages and legal necessity of following health and safety procedures. Having attended the meeting I feel more able to include these in my plan.	4 and 6	1.2

Candidate's signature   *Paul Lee*   **Date**   *24/01/14*

Witness testimony

Remember when you begin to use witness testimony that it must be capable of being authenticated — even if the testimony itself is being used to authenticate a candidate's claim to competence.

To make sure the witness testimony is genuine, you must ensure that you have a record of who is acting as a witness, their relationship to the candidate (eg supervisor, client) address, telephone number and the date. There is space for this information in the form.

Witness testimony

Qualification title and level	Promote a Culture of Health and Safety in the Workplace
Candidate's name	Paul Lee
Evidence index no	7
Index no of other evidence which this testimony relates to (if any)	
Learning Outcome(s)	
Date of evidence	18/02/14
Name of witness	Dave Mulvaney (on behalf of senior management team)
Designation/relationship to candidate	Senior manager responsible for health and safety, line manager of Paul Lee
Details of testimony	

Paul has provided a very insightful and detailed plan to support the promotion of a culture of health and safety within the organisation. Paul has made some good recommendations about how the communication of health and safety information could be improved; he has based this on some sound research, including a detailed audit, discussions with staff and the results of a staff questionnaire. Paul has clearly used his knowledge and understanding of health and safety and the organisation to include within his plan new and innovative opportunities for promoting health and safety within the organisation.

The senior management team has agreed Paul's plan and recommended that he takes this forward.

I can confirm the candidate's performance was satisfactory.

Witness's signature   *Dave Mulvaney*   **Date**   *24/02/14*

Witness (please select the appropriate box):

☒   Holds appropriate qualifications

☒   Is familiar with the Units to which the candidate is working

Filling the gaps

There may come a time when your candidate has provided evidence for most of the Unit (or qualification), but there are some gaps. For example, you may find that certain situations, such as handling contingencies, have not arisen during assessment. Often these will relate to dealing with health and safety issues, or unexpected problems with workflow like delays in receiving information from another part of the organisation.

You may be able to overcome this by extending the time period for the overall completion of the Unit, so that the candidate has adequate time to provide relevant information and advice when it is needed. If acceptable, evidence may be gathered through simulation or opportunities to take on different roles within the organisation.

Guidance and support to candidates

At all times during the assessment process — from planning through to making your assessment decision — feedback should be on-going, clear and constructive. Feedback should be given against the Units relating it to the evidence provided.

Where there are any shortfalls in a candidate's competence, you should discuss these with your candidate and make plans for re-assessment.

Judging candidate evidence and making an assessment decision

In judging candidate evidence, you must be satisfied that your candidates can work consistently to the required standard, and that the evidence they have produced is their own. You must consider whether your candidate understands and applies the knowledge evidence and how this links to assessment evidence.

Evidence must:

♦ be relevant to qualification and be authentic
♦ show current competence
♦ be sufficient to help you form a decision about the candidate's competence

Insufficient evidence

You have to judge whether the candidate has produced enough evidence required by the Units for you to reach a decision about their evidence.

Where there is insufficient evidence, you should say this to your candidate. You should tell them that it is not that they are not yet competent — there is simply not enough evidence on which to make a decision.

In this situation, your feedback to your candidates must help them produce more evidence and/or plan for further assessment.

Authenticating candidates' evidence

Authentication is required where you have not observed candidates' performance at first hand.

You can check whether a candidate has produced evidence which they claim shows their competence by questioning them or, if this is appropriate, asking them to produce a personal statement, using witness testimony, or seeking peer reports from other colleagues of the candidate.

> **Example**
>
> For this Unit, the 'responsible people' in the organisation are in the best position to make observations regarding the content and suitability of the health and safety plan produced by the candidate. Questioning the candidate about approaches to developing the plan would also help to authenticate the evidence produced.

4 Recording achievement

You should retain all evidence — clearly referenced — for internal and external verification.

The candidate's evidence is normally kept in a file, often called a *portfolio*. These documents help you and your candidates to collect, present and cross-reference the evidence to the Units. They are also a means of recording your assessment decisions, and they tell an External Verifier what stage a candidate has reached in achieving the qualification.

Recording documents do not need to be paper-based — it is possible to use an electronic format for collecting and structuring the evidence. Whatever format you and your candidates choose to use, the documents must show what evidence was generated, the assessment decisions you made, how the evidence meets the Units, and where the evidence can be located. You should avoid photocopying items simply to put them in a portfolio — a clear explanation of where the evidence can be found (for example, in a filing cabinet) may be sufficient for the External Verifier to follow it up and include it in the visit.

There are various reasons why record-keeping is so important:

♦   it provides a way of tracking a candidate's progress in achieving a qualification
♦   it helps candidates to make claims for certification of their competence
♦   internal verifiers and External Verifiers use the records to sample assessment decisions
♦   it helps us to monitor the quality assurance of our qualifications

If your candidates' evidence is incomplete, or cannot be located, or if there is inaccurate cross-referencing to the Units, there is a risk that an internal verifier or External Verifier will be unable to confirm your assessment decisions.

To help you and your candidate present evidence and record your assessment decision, we have provided examples of the forms which you and your candidate might use to compile the portfolio.

♦   Using the evidence index
♦   Completing the Unit progress record
♦   Completing the Learning Outcome achievement record

Using the index of evidence

The purpose of the index of evidence is to help you locate and work through the candidate's evidence. It should give you a summary of what evidence the candidate has collected, and where (eg in a portfolio) it can be found.

The index of evidence should be completed by entering:

♦ the index number for each piece of evidence
♦ a description of each piece of evidence
♦ the place or location where it can be found
♦ the initials of the internal verifier and the date (if they have sampled the candidate's evidence)

Ideally, it should be candidates themselves (with your support and encouragement) who complete the index.

You must make sure that the information in the evidence index is accurate when your candidates' portfolios are presented for assessment and verification — particularly the information about where the evidence can be located. This is important because we suggest that anything which has been produced as day-to-day work is kept in its normal location, but anything which has been produced through assessment for the qualification, eg observation checklists, is filed in the candidate's portfolio. In this way, your candidate can avoid having to photocopy work products just for the sake of including them in a portfolio. It also means that evidence produced as a result of assessment is kept safely in a central file.

If the index of evidence is not completed with an accurate description and location of the evidence, there is a risk that an internal verifier or External Verifier might be unable to confirm your assessment decisions.

Index of evidence

Qualification title and level	

Evidence number	Description of evidence	Included in portfolio (Yes/No) If no, state location	Sampled by the IV (initials and date)
4	Observation record of workplace review	Yes — Section 1, page 4	SM – 04/04/14
5	Personal statement reflecting on health and safety meeting	Yes — Section 1, page 5	SM — 04/04/14
6	Record of questions and answers	Yes — Section 1, page 6	SM — 04/04/14
7	Witness testimony of responsible people	Yes — Section 1, page 7	SM — 04/04/14

Completing the Unit progress record

You should complete this form each time your candidate achieves a Unit from the qualification by adding your signature and the date next to the relevant Unit.

At this stage, candidates should make sure they have completed the recording documents correctly and that their evidence can be easily located. Only then should they circle the relevant Unit number at the top of the form. This enables both of you to see at a glance what stage the candidate is at in their qualification.

Unit progress record

Qualification and level _____

Candidate   Paul Lee _____

To achieve the whole qualification, you must complete all 13 credits from the mandatory Units.

Unit Checklist

Mandatory	FG89 04						

Mandatory Units achieved

Unit number	Title	Assessor's signature	Date
FG89 04	Promote a Culture of Health and Safety in the Workplace	*Peter Hoskins*	*01/04/14*

Completing the Learning Outcome Achievement Record

To help you and your candidates cross-reference the evidence to the Units of the qualification, we have provided records similar to those produced in the SQA portfolio. Use one record for each Learning Outcome. The grids should be completed by:

♦ entering the evidence index number in the first column
♦ giving a brief description of the evidence in the second
♦ ticking the relevant boxes for the Assessment Criteria

If integrated assessment is used (linking Assessment Criteria and Learning Outcomes across different Units) the evidence should be cross-referenced back to the relevant Units.

We have provided a completed example to show how to use the record.

Learning Outcome Achievement Record

Unit   Promote a Culture of Health and Safety in the Workplace

Learning Outcome(s)   Be able to develop plans to promote a health and safety culture in the workplace

Evidence Index No	Description of Evidence	Assessment Criteria					
		1.1	**1.2**	**1.3**	**1.4**	**1.5**	**2.1**
4	Observation record of workplace review		✓	✓			
5	Personal statement reflecting on health and safety meeting		✓				
6	Record of questions and answers		✓	✓			
7	Witness testimony of responsible people	✓	✓	✓	✓	✓	✓

Unit   Promote a Culture of Health and Safety in the Workplace

Learning Outcome(s)   Be able to develop plans to promote a health and safety culture in the workplace

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Notes/Comments

Paul has worked conscientiously on this Unit and produced some very good evidence that will benefit both himself and the organisation.

The candidate has satisfied the assessor and internal verifier that the performance evidence has been met.

Candidate's signature   *Paul Lee*   **Date** *04/04/14*

Assessor's signature   *Peter Hoskins*   **Date** *04/04/14*

Internal verifier's signature *Sharon Moore*   **Date** *04/04/14*

5 Further information

What else should I read?

SQA has developed a wide range of generic guidance on assessment, verification, quality assurance, etc. The following publications provide additional information which would be beneficial in implementing the QCF qualifications. Details of these and other SQA publications are available on our website at **www.sqa.org.uk** on the 'Publications, Sales and Downloads' section. They can be ordered from SQA's Business Development and Customer Support Team — telephone 0303 333 0330. Please note that there may be a charge for some of these publications.

Assessor/Verifier Units: assessment guidance

External Verification: A Guide for Centres

Guide to Assessment

Introduction to Assessment Arrangements for Schools and Colleges

SQA's Quality Framework: a guide for centres

Operational Help Centre

The Operational Guide for Centres has been replaced by the online Operational Help Centre on **www.sqa.org.uk**