



<b>Unit title</b>	Supervise the Set-up and Operation of Special Effects for Live Performances
<b>SQA code</b>	H6LW 04
<b>SCQF level</b>	6
<b>SCQF credit points</b>	4
<b>SSC ref</b>	TTO44

## History of changes

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<b>Version number</b>	<b>Date</b>	<b>Description</b>	<b>Authorised by</b>
02	20/11/14	Update to Unit assessment information.	Qualifications Officer

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<b>Title</b>	Supervise the Set-up and Operation of Special Effects for Live Performances	
<b>Learning Outcomes</b>		<b>Assessment Criteria</b>
<b>The learner will:</b>		<b>The learner can:</b>
1	Know the factors that need to be effectively supervised when operating special effects.	<p>1.1 Critically compare how different special effects should be used.</p> <p>1.2 Summarise the controlling measures that are required relating to:</p> <ul style="list-style-type: none"> <li>◆ regulations that impact on the use of special effects</li> <li>◆ licenses required for those handling special effects</li> <li>◆ insurance requirements of dealing with special effects</li> <li>◆ purchase restrictions</li> <li>◆ transportation requirements of special effects</li> <li>◆ storage of special effects</li> <li>◆ safe handling of hazardous materials</li> </ul> <p>1.3 Describe how the physical properties of special effects are controlled in terms of:</p> <ul style="list-style-type: none"> <li>◆ fallout</li> <li>◆ colour</li> <li>◆ angle</li> <li>◆ intensity of heat and sound</li> <li>◆ distribution</li> <li>◆ movement</li> </ul> <p>1.4 Describe the hazards associated with producing special effects.</p> <p>1.5 Explain how the hazards associated with using special effects can be minimised.</p> <p>1.6 Explain the importance of briefing technical team and cast members about the purpose and use of special effects during the performance.</p>

<b>Learning Outcomes</b>	<b>Assessment Criteria</b>
<b>The learner will:</b>	<b>The learner can:</b>
<p>2 Be able to supervise the use of special effects for live performances.</p>	<p>2.1 Identify the physical properties of special effects that are permissible within the venue.</p> <p>2.2 Assess the validity of relevant permissions for the use special effects in regards to:</p> <ul style="list-style-type: none"> <li>◆ relevant licenses being available</li> <li>◆ insurance</li> <li>◆ permission from venue</li> <li>◆ permission for purchase</li> <li>◆ safe transportation</li> <li>◆ safe storage</li> </ul> <p>2.3 Brief relevant members of the technical team and performers on the use of special effects including:</p> <ul style="list-style-type: none"> <li>◆ how they will be used</li> <li>◆ when they will be used</li> <li>◆ why they will be used</li> </ul> <p>2.4 Brief the operators of the special effects on their safe operation.</p> <p>2.5 Check that relevant safety precautions for the use of special effects are in place.</p>

<b>Additional information about the Unit</b>
<b>Unit purpose and aim(s)</b>
This Unit aims to assess the learners' ability to supervise the safe and effective use of special effects in live performances. This includes the checking of relevant permissions and licenses and the briefing of technical staff and performers on the impact of their use.
<b>Details of the relationship between the Unit and relevant national occupational standards (if appropriate)</b>
Developed from Creative and Cultural Skills National Occupational Standards
<b>Details of the relationship between the Unit and other standards or curricula (if appropriate)</b>
N/A
<b>Assessment requirements specified by a sector or regulatory body (if appropriate)</b>
N/A

## Assessment (evidence) Requirements

Assessors must ensure that learners provide evidence to cover all the Learning Outcomes and Assessment Criteria.

This Unit is designed to assess the skills of learners in the workplace. Evidence of occupational competence should be generated and collected through performance in workplace conditions. This includes the knowledge-based Learning Outcomes and Assessment Criteria of the competence Units.

These conditions would be those typical to the learner's normal place of work. The evidence collected under these conditions should also be as naturally occurring as possible. It is accepted that not all employees have identical workplace conditions and therefore there cannot be assessment conditions that are identical for all learners. However, assessors must ensure that, as far as possible, the conditions for assessment should be those under which the learner usually works.

Collection of evidence of performance can be used to substantiate, support and expand the evidence base for competent performance. This may include:

- ◆ Observation
- ◆ Product and photographic evidence
- ◆ Relevant active documentation, reports, presentations

### Performance Evidence: Observation

Observation of performance at work. Assessors must provide information about the context of the assessment.

### Performance Evidence: Products

Work products (such as reports, letters, memos, printouts, presentations, etc) are valuable items of performance evidence. Assessors are encouraged to assess work products and record the location of evidence within their assessment records. Assessment centres using 'paperless portfolios' should first discuss their approach to assessment with their awarding body.

## Guidance on Methods/Instruments of Assessment

This Unit is designed to assess the knowledge of learners in the workplace. Learning Outcomes may be assessed by a work-based assessment or by observation/product evidence/witness testimony. Online assessment may also be used. The collection of supplementary evidence of performance can be used to further substantiate, support and expand the evidence base for competent performance where this is necessary. This may be required depending on the size of the organisation in which the learner is working.

Supplementary evidence may include:

- ◆ Questioning
- ◆ Professional discussion
- ◆ Witness testimony
- ◆ Other valid evidence which relates directly to learner performance

## Guidance on Methods/Instruments of Assessment (cont)

### Supporting Evidence: Questioning

Assessment by observation and examination of work products usually results in inferred knowledge. As a result, questions should only be asked to fill gaps where knowledge is not explicit. This style of assessment still requires the assessor to confirm how knowledge and understanding has been addressed but avoids over assessment of the learner.

Questioning includes: verbal and written questioning, questionnaires, work based tasks, reflective accounts, case studies, professional discussion and feedback reports.

### Supporting Evidence: Professional Discussion

Professional discussion is a single, or series of structured, planned and in-depth discussions which can be recorded electronically or manually in paper, computer, audio or video files. Professional discussions can be used to support observation reports, examination of work products and knowledge questionnaires. It is more usually used to fill in gaps in existing performance and knowledge evidence. It can be used formatively and summatively, and using it enhances the assessment process for both learners and assessors.

Professional discussion is used in holistic assessment, which is rigorous, informative and cost-effective, provided the learner is competent in their job role and ready to be assessed. If these conditions are met, assessors can plan to assess naturally-occurring 'evidence-rich' opportunities at work by observation, examination of work products, professional discussion and questioning knowledge within one assessment session. It is also possible for assessors to obtain witness testimonies at the same assessment session. Such a comprehensive activity is likely to focus on major work activities that demonstrate learner competence.

### Supporting Evidence: Witness Testimony

Witness testimony can provide valuable evidence of learner competence. In line with established principles it must be:

a clear, authentic statement indicating how the learner carries out their job  
dated, signed and include the job title of the witness

### Supporting Evidence: Other qualifications

Other qualifications can be used as supporting evidence in a learner's portfolio. The qualification must be current and be benchmarked to one or more of the national occupational standards. However, it will only be supporting evidence, as assessors must still make judgements about how the learner demonstrates competence at work.

*SQA's Guide to Assessment* provides information on appropriate instruments of assessment. This guide is designed to provide support for everyone who assesses for SQA qualifications. It looks at the principles of assessment, and brings together information on assessment in general as well as on best practice in assessment.

The *Guide to Assessment* can be downloaded free from SQA's website [www.sqa.org.uk](http://www.sqa.org.uk).

Creative and Cultural Skills Assessment Strategy also supports the assessment of this Unit.