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<th>Methods and Context of Assessment</th>
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| This unit of competency should be assessed on the job. | Evidence to demonstrate consistent achievement of this unit’s outcomes includes:  
• knowledge of the roles and functions of staging departments and staging personnel  
• knowledge of entertainment industry terminology in particular with regard to staging  
• following written and spoken instructions | This unit may be assessed concurrently with the following units of competency:  
• Bump in the show  
• Bump out the show  
• Use hand tools  
• Use power tools/hand-held operation | This unit of competency should be assessed in an entertainment event or venue. | Key Terms and Concepts:  
- floor cloths  
- floor cladding  
- stage machinery  
- set assembly  
- flats  
- hydraulic lifter  
- A-frame ladder  
- counterweight systems  
- safe working loads  
- fly towers  
- rigging  
- knot types  
- stage types  
- hazardous substances  
- stage plan  
- supervision |
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<tr>
<th>ELEMENT</th>
<th>PERFORMANCE CRITERIA</th>
<th>RANGE OF VARIABLES</th>
<th>EVIDENCE GUIDE</th>
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</table>
| 1. Assist with preparation for staging | - Stage plan is read and interpreted in consultation with supervisor  
- Stage is marked out under supervision according to stage plan  
- Floor is laid up as required under supervision according to stage plan  
- Set pieces are moved and assembled as required under supervision | The following variables may apply:  
Floor may be laid up using:  
- floor cloths  
- floor cladding  
- dance floors (e.g. tarkett)  
Operable pieces may include:  
- doors  
- traps | UNDERPINNING KNOWLEDGE AND SKILLS  
Skills and knowledge are required in:  
- safely operating standard hand and power tools e.g. hammers, chisels, measuring tools, drills, jig-saws, sanders, angle grinders, circular saws, nail and staple guns  
- knowledge of different types of stage machinery  
- knowledge of basic set assembly including the correct way to run and float a flat, to lash/toggle and pin hinge flats together and to use tech screws for assembling set pieces  
- knowledge of the correct method of tying cloths, drapes, tabs, etc to a barrel  
- knowledge of how to handle hazardous substances safely  
- knowledge of relevant occupational health and safety requirements and its application to stage mechanics  
- safely using a tallescope, hydraulic litter and an A-frame ladder  
- knowledge of counterweight systems including single and double purchase, loading and unloading cradles, swinging bars, safe working loads, spreading the load and where to hang lighting bars, masking, etc  
- knowledge of safe use of stage machinery including counterweights, blocks, pulleys, fly towers, gird, fly rail and bars | Learning experiences for the HSC must address:  
- An understanding of procedures undertaken during pre-production  
- Recognition of the roles and functions of staging personnel  
- Knowledge of terminology specifically related to staging  
- Understanding of use of equipment and techniques required for safe staging |
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| 2. Assist with pre-production requirements and technical/dress rehearsal | • Stage plan is read and interpreted in consultation with supervisor  
• Stage is marked out under supervision according to stage plan  
• Floor is laid up as required under supervision according to stage plan  
• Set pieces are moved and assembled as required under supervision | | • knowledge of correct handling of ropes, including their use, storage, and properties (including safe working loads)  
• tying a variety of knots including bowline, clove hitch, half-hitch, reef knot and splicing an eye into a knot  
• using swaging tools  
• knowledge of how to rig a flat to fly  
• knowledge of the use of legs, boarders, teasers, tormentor, proscenium arch, false proscenium, portals and headers  
• knowledge of wire ropes and their properties  
• handling ropes correctly including tying techniques, joining wire ropes  
• plotting cues in accordance with sequencing, equipment requirements, timing and speed requirements of a given show | Learning experiences for the HSC must include:  
- Understanding of the physical aspects involved in the implementation of staging  
- Understanding of stage drawing techniques |

**KEY COMPETENCIES**

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<tr>
<th>KEY COMPETENCY</th>
<th>LEVEL</th>
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<td>1</td>
</tr>
<tr>
<td>Communicating ideas and information</td>
<td>1</td>
</tr>
<tr>
<td>Working with others and in teams</td>
<td>1</td>
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<tr>
<td>Using mathematical ideas and techniques</td>
<td>1</td>
</tr>
<tr>
<td>Using technology</td>
<td>1</td>
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