

**SKILLS FRAMEWORK FOR MEDIA
TECHNICAL SKILLS AND COMPETENCIES (TSC) REFERENCE DOCUMENT**

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| TSC Category | Production Technical Services | | | | | |
| TSC Title | Lighting Operations | | | | | |
| TSC Description | Manage the set-up and operations of lighting equipment during productions | | | | | |
| TSC Proficiency Description | Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 6 |
| | MED-MPN-1039-1.1 | MED-MPN-2039-1.1 | MED-MPN-3039-1.1 | MED-MPN-4039-1.1 | | |
| | Assist in the set-up and operations of lighting equipment for productions | Execute the set-up and operations of lighting equipment for productions | Manage the set-up and operations of lighting equipment to meet technical and creative requirements of productions | Oversee the planning and set-up of lighting equipment to create effects that achieve the creative vision of productions | | |
| Knowledge | <ul style="list-style-type: none"> Transport and storage requirements needed for various types of lighting equipment Types of lighting, wiring, power supply and power management systems Installation and dismantling procedures for lighting equipment Safety precautions when handling lighting and electrical equipment Relevant workplace safety and health regulations | <ul style="list-style-type: none"> Types of lighting, wiring, power supply and power management systems Lighting requirements across different settings and locations Instructions to set-up various types of lighting equipment Power requirements for various types of lighting equipment Procedures for operating lighting equipment Safety precautions when handling lighting equipment Relevant workplace safety and health regulations | <ul style="list-style-type: none"> Principles and concepts of lighting and production lighting Principles and concepts of electricity and electrical installation Creative impact of various types of lighting equipment and fixtures Technical specifications for various types of lighting equipment Technical parameters of lighting equipment Electrical load management for a production set-up Procedures for operating lighting equipment | <ul style="list-style-type: none"> Principles and concepts of lighting and production lighting Factors that impact the visuals of lighting effects Creative lighting techniques Technical parameters of lighting equipment and their impact on lighting effects Principles of cinematography that impact overall visuals Techniques to measure lighting qualities Technologies to create innovative lighting effects | | |
| Abilities | <ul style="list-style-type: none"> Coordinate logistics to transport lighting equipment between locations Coordinate the unpacking and packing of lighting equipment at production locations Perform quality and functionality checks on | <ul style="list-style-type: none"> Perform sourcing for required lighting equipment from vendors Execute the set-up of lighting equipment according to technical specifications Conduct checks on lighting equipment to ensure they are installed correctly | <ul style="list-style-type: none"> Analyse production requirements to determine lighting equipment and corresponding logistical support required Execute implementation plans to organise the set-up and operations of lighting equipment | <ul style="list-style-type: none"> Review creative briefs to determine lighting requirements needed to achieve creative vision Develop detailed implementation plans to communicate required lighting equipment and effects needed for scenes | | |

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| | <p>lighting equipment before installation</p> <ul style="list-style-type: none"> • Assist in the set-up of lighting equipment according to technical specifications • Support the dismantling of lighting equipment after shoots to keep them in proper storage cases | <ul style="list-style-type: none"> • Dismantle lighting equipment after shooting to keep them in proper storage cases • Complete all relevant equipment paperwork to record usage of lighting equipment | <ul style="list-style-type: none"> • Plot placement of lighting equipment according to technical specifications to create desired effects • Rig lighting equipment to structures according to technical briefs • Inspect lighting equipment during rehearsals to ensure production venues are lit according to requirements • Adjust technical parameters of lighting equipment to capture the required visuals factoring lighting conditions of shooting environment • Operate lighting equipment on cues to create desired lighting effects on production elements • Coordinate with production teams to capture shots that require the use of creative lighting techniques • Oversee the dismantling of lighting equipment after shoots to keep them safely in proper storage cases | <ul style="list-style-type: none"> • Measure lighting qualities to determine appropriate placements of lighting equipment • Oversee the set-up and preparation processes to ensure alignment to production and technical plans • Collaborate with production teams to capture the desired lighting effects for each scene • Develop alternative plans and solutions to resolve technical issues that may occur during productions • Adapt lighting parameters to enhance overall visual effects and outputs • Provide feedback to production teams to enhance the creative quality of shots • Provide technical guidance and solutions to production teams to create complex lighting effects | | |
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