

<b>SKILLS FRAMEWORK FOR MEDIA SKILLS MAP - GRIP/LIGHTING TECHNICIAN</b>		
<b>Sector</b>	Media	
<b>Sub-sector</b>	Film and Video, TV and Broadcast	
<b>Track</b>	Production Technical Services	
<b>Sub-track</b>	Grip, Lighting	
<b>Occupation</b>	Grip	
<b>Job Role</b>	<b>Grip/Lighting Technician</b>	
<b>Job Role Description</b>	<p>The Grip/Lighting Technician executes grip and lighting operations. He/She is responsible for setting up the camera structures and equipment which includes the dollies, cranes and jibs in preparation for production and the setting up and rigging of the sets with lights. He is required to operate the camera structures and equipment according to the sequence of the production. In some instances, he may be required to set up and operate lights, shapers, lighting consoles, power supply and wiring. He is also responsible for the dismantling of the light installations and wiring during the wrap-up phase.</p> <p>The work involves long hours of physically demanding tasks especially the handling of the heavy equipment used in the construction of the structures. He is expected to operate in an outdoors environment, if required, and may be required to travel depending on the location of the shoot or production. The work requires awareness of all workplace safety and health standards and alertness to potential safety hazards, and may require working at heights.</p> <p>He should have knowledge of camera movements and positioning, and of operating camera equipment. He should also have a working knowledge of electrical works and electronics. He ought to be detail-oriented and be able to deliver within tight production schedules and deadlines. He should be an effective team player and possess multi-tasking abilities.</p>	
<b>Critical Work Functions and Key Tasks</b>	<b>Critical Work Functions</b>	<b>Key Tasks</b>
	Define production requirements	Attend pre-production meetings with the creative team to understand the production requirements
		Conduct technical recce to identify the type of special equipment that will be required and the support needed for production operations
		Support in the preparation of a detailed list of requirements for each day of production including special equipment and crew
		Outline the details of any special apparatus needed for production and the type of positioning, mounting, movements and manoeuvres support required for each shot
		Identify specialist companies to devise tailor-made pieces of equipment for difficult apparatus positioning and manoeuvres
	Prepare for production	Support the installation of set components to ensure alignment with the cameras and equipment positions
		Build non-standard apparatus and contraptions to meet special mounting requirements
		Assemble camera mounting equipment
		Set up camera structure and equipment needed to achieve camera motions and manoeuvres as per the shot requirements
		Assist in the achievement of optimal camera positioning and movement during rehearsals
	Manage grip operations	Analyse briefs provided by the team leader to understand camera equipment motion requirements for the scene
		Conduct checks for functionality and safety aspects of camera and grip equipment before commencement of production on a daily basis
		Operate camera structures and equipment such as cranes and dollies according to sequence provided in briefs
		Repair equipment when required and conduct routine maintenance during production operations
		Uphold workplace safety and health norms on-set during production
	Execute lighting operations	Coordinate the transporting, loading and unloading of all lighting equipment
		Execute the set-up of lights, lighting fixtures and supporting infrastructure
		Set up power management systems and wirings
		Operate lights, lighting consoles and related equipment
Identify the lighting balance for different settings and locations		
Apply changes in lighting consistently to ensure continuity		
Uphold workplace safety and health standards during work		
Escalate reports of breaches in workplace safety and health standards to relevant authorities		
Manage wrap-up phase	Execute the dismantling, wrap-up and storage of the lighting equipment	
	Coordinate the return of lighting equipment to vendors	
	Dismantle power management systems and wirings	

Skills and Competencies	Technical Skills and Competencies		Generic Skills and Competencies (Top 5)	
	Lighting Conceptualisation and Design	Level 3	Problem Solving	Basic
	Lighting Operations	Level 2, Level 3	Teamwork	Basic
	Procurement for Production Operations	Level 2	Resource Management	Basic
	Rigging Equipment Maintenance	Level 3	Communication	Basic
	Rigging Operations	Level 3	Interpersonal Skills	Basic
	Workplace Safety and Health	Level 1		
Programme Listing	For a list of Training Programmes available for the Media sector, please visit: <a href="http://www.skillsfuture.sg/skills-framework/Media">www.skillsfuture.sg/skills-framework/Media</a>			

The information contained in this document serves as a guide.