

SKILLS FRAMEWORK FOR MEDIA SKILLS MAP - ENGINEER - LINEAR MEDIA INFRASTRUCTURE				
Sector	Media			
Sub-sector	TV and Broadcast			
Track	Media Technology and Operations			
Sub-track	Linear Media Infrastructure			
Occupation	Media Technology and Operations Professional			
Job Role	Engineer - Linear Media Infrastructure			
Job Role Description	<p>The Engineer - Linear Media Infrastructure designs, installs and maintains linear media equipment and infrastructure within a designated scope, or specialisation. He/She executes projects for commissioning of linear media equipment, construction of facilities and installation of other infrastructure required for linear media operations. He is also expected to maintain equipment and troubleshoot issues that may arise during the course of linear media operations.</p> <p>The work involves technical oversight of projects and maintenance processes as well as tracking the progress of projects involving multiple stakeholders. He spends most of his time at the project site in the studio overseeing project progress or leading maintenance of media infrastructure.</p> <p>He should be effective in planning, communicating and managing stakeholders to deliver as per expectations.</p>			
Critical Work Functions and Key Tasks	Critical Work Functions	Deliver linear media infrastructure projects	Key Tasks	
			Create technical designs for new equipment and infrastructure as per project scope	
			Evaluate technical proposals from vendors to shortlist suitable offers	
			Evaluate proof-of-concept on linear media systems and equipment to be assessed for procurement	
			Lead the installation of new linear media equipment	
			Monitor the construction of new facilities and other infrastructure in collaboration with site engineers and project engineers	
			Maintain updated technical documentation and engineering drawings for all installed equipment	
	Perform initial tests to clear the linear media equipment for commissioning			
	Execute linear media maintenance operations	Allocate maintenance responsibilities to technicians		
		Lead periodic preventive maintenance on linear media equipment and infrastructure		
		Troubleshoot faults in linear media or network operations and implement solutions to minimise downtime		
		Perform repairs on linear media equipment		
		Engage external technical support when troubleshooting faults that cannot be repaired in-house		
		Review engineering logs and technical records of linear media equipment performance and discrepancies as per standards set		
Conduct cost-benefit analysis to justify replacement of old equipment with new equipment				
Recommend replacement of equipment that is beyond repair or has exceeded its economic life				
Skills and Competencies	Technical Skills and Competencies		Generic Skills and Competencies (Top 5)	
	Broadcast Infrastructure Design	Level 3	Communication	Intermediate
	Broadcast Infrastructure Installation	Level 3	Problem Solving	Advanced
	Broadcast Infrastructure Maintenance	Level 3	Teamwork	Intermediate
	Contract and Vendor Management	Level 2	Sense Making	Intermediate
	Emergency Response Management	Level 3	Service Orientation	Intermediate
Programme Listing	For a list of Training Programmes available for the Media sector, please visit: www.skillsfuture.sg/skills-framework/Media			

The information contained in this document serves as a guide.