

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

TSC Category	Workplace Safety and Health Management					
TSC	Workplace Safety and Health Practice					
TSC Description	Implement workplace safety and health practices in the manufacturing environment					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
		PRE-WSH-2090-1.1	PRE-WSH-3090-1.1	PRE-WSH-4090-1.1		
		Identify hazards and maintain risk control measures at the workplace	Apply workplace safety and health (WSH) policies to maintain health and safety at the workplace	Support the work of workplace safety and health (WSH) professionals in carrying out safety inspections and implementing control measures		
Knowledge		<ul style="list-style-type: none"> Types of hazards associated with the use of tools and operation of equipment and machine at workplace Types of hazards associated with materials and chemicals used at workplace Principles and methodology of risk assessment Importance and types of risk control measures at the workplace Organisational workplace safety and health (WSH) procedures and WSH legislative requirements 	<ul style="list-style-type: none"> Types of relevant WSH legislations and industry codes of practice (CP) Types and proper usage of personal protective equipment (PPE), safety devices and equipment Types of safety signage Organisational WSH procedures and risk assessments (RA) Common manufacturing hazards and risk controls Types of hazards at the work areas Types of safety signage, safety devices and equipment Types of risk control measures Organisational WSH procedures and WSH legislative requirements 	<ul style="list-style-type: none"> Types of WSH management programmes Elements of WSH management systems Applicable WSH legal and other requirements Means of obtaining updates on amended or new WSH legal requirements Workplace communication channels Causes and types of lapses in WSH control measures Methods for monitoring risk control measures 		
Abilities		<ul style="list-style-type: none"> Conduct WSH checks on work areas, safety signage, safety devices, equipment, machine, materials and chemicals used at workplace 	<ul style="list-style-type: none"> Establish job and WSH objectives according to work instructions, organisational WSH procedures and policies Plan work activities to meet WSH requirements 	<ul style="list-style-type: none"> Coordinate work operations to facilitate WSH inspections and implementation for evaluation of corrective measures 		

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		<ul style="list-style-type: none"> • Identify hazards within work area • Carry out risk controls, in accordance to WSH organisational procedures and legislative requirements 	<ul style="list-style-type: none"> • Schedule daily work activities in accordance to organisational WSH procedures • Conduct WSH checks on work areas, safety signage, safety devices and equipment • Carry out risk controls • Follow organisational emergency and evacuation procedures, in the event of emergencies or drills • Report any abnormalities and problems encountered in complying with WSH requirements 	<ul style="list-style-type: none"> • Provide feedback for formulation of WSH risk management • Coordinate data collection and reporting for monitoring the implementation and evaluation of risk control measures to relevant stakeholders • Maintain WSH-related documentation across operational processes • Communicate WSH legal compliance requirements 		
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