

TSC Category	Hazards Management					
TSC	Hazardous Substances Management					
TSC Description	Manage processes and procedures for the sampling of hazardous substances and evaluation of exposure at the workplace					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
					WPH-WSH-5063-1.1	WPH-WSH-6063-1.1
					Identify sources of hazardous substances, implementing control measures and managing the associated risks	Conduct sampling of hazardous substances and evaluate exposure at the workplace
Knowledge					<ul style="list-style-type: none"> Types and properties of hazardous substances Types of health, safety and environmental hazards and risks due to hazardous substances Relevant information sources on hazardous substances Safety Data Sheets Globally Harmonised System of classification and labelling of chemicals Fundamentals of Occupational Toxicology Control approaches for hazardous substances Relevant information for hazardous substances control Transport, use and storage of hazardous substances Control measures for hazardous substances Ventilation systems Containment systems Principles of Hierarchy of Control Legal and other requirements on hazardous substances Hazardous Chemicals Management Programme (Application) 	<ul style="list-style-type: none"> Definitions of hazards, risks and exposure in occupational hygiene Types of air-borne contaminants and associated hazards Ill-health effects of exposure to hazardous substances Target organs and systems by hazardous substances Risk management processes Relevant legal requirements Monitoring objectives Relevant air sampling and analysis guidelines Air sampling theories and practices Types of air sampling equipment Analytical methods for samples Occupational hygiene standards Occupational exposure limits Biological monitoring Biological exposure limits Monitoring reports Relevant requirements in air monitoring reports

					<ul style="list-style-type: none"> • Types of licensing control on hazardous substances • Good risk management practices • Occupational Safety and Health Management Systems 	
Abilities					<ul style="list-style-type: none"> • Analyse health, safety and environmental hazards and risks due to hazardous substances at the workplace with reference to relevant information sources. • Determine appropriate control approaches for hazardous substances based on relevant information for the hazardous substances control. • Implement control measures for hazardous substances in accordance with hierarchy of control and relevant legal and other requirements. • Manage the risks due to hazardous substances in accordance with good risk management practices. 	<ul style="list-style-type: none"> • Evaluate existing air-borne contaminants and anticipate their ill-health effects in accordance with risk management processes and relevant legal requirements • Review the sampling strategies for the measurement and monitoring of hazardous substances in accordance with monitoring objectives, relevant air sampling and analysis guidelines and air sampling theories and practices • Lead the sampling of air-borne contaminants in accordance with the sampling strategies • Review the monitoring procedures in accordance with relevant occupational hygiene standards and air emission limits