



The University of North Carolina Wilmington
ENVIRONMENT, HEALTH & SAFETY TECHNICIAN
COMPETENCY PROFILE

Description of Work: Environment, Health and Safety (EHS) technicians perform technical duties in programs related to industrial hygiene, environmental issues, health issues, fire protection engineering, biological safety, radiological health, and/or closely related EHS areas. Employees perform technical work under the supervision of EHS practitioner/professional or program manager and support the implementation and evaluation of programs designed to minimize risks to humans, animals and the environment. The specific responsibilities of EHS technicians vary by industry, workplace, and types of hazards affecting employees.

ROLE DESCRIPTIONS BY COMPETENCY LEVEL		
CONTRIBUTING	JOURNEY	ADVANCED
Performs entry-level technical duties in one or more major areas of an organization EHS programs. Assignments at this level are routine in nature and follow established guidelines and procedures. Work is subject to review by higher level EHS technical and professional staff.	Performs operational duties and expected to operate independently in carrying out assigned duties of moderate technical difficulty in one or more areas of an organization EHS programs.	Perform the most difficult technical duties in one or more areas of an organization EHS programs, typically involving coordination with various departments and may supervise lower level technicians in the performance of more routine technical assignments. Expected to plan their work procedures and perform assigned duties independently.

Competency	Definition
Technical -Knowledge	Technical skill and knowledge of EHS area(s) of assignment. Keeps current in equipment and standards and safety
Environment, Health & Safety Compliance	Inspects specific areas, may test equipment/processes, documents findings, take some corrective actions
Waste Program Monitoring and Collection	Safely collects, prepares/packages, records, labels and transports hazardous and/or radiological waste materials
Communication	Schedule inspections, interact during inspection; interact with safety committee

Competency	Contributing	Journey	Advanced
Technical -Knowledge	<ol style="list-style-type: none"> 1. Operates a limited variety/complexity of equipment/machinery/devices used in the handling hazardous and/or radiological waste materials. 2. Basic knowledge of state and federal rules, regulations to determine compliance. 	<ol style="list-style-type: none"> 1. Operates equipment and/or machinery used in the disposal, storage, or transport of hazardous and/or radiological waste materials. 2. Follows prescribed safety procedures, and comply with federal laws regulating waste disposal methods. 	<ol style="list-style-type: none"> 1. Operates and/or certified in the proper use of multiple types of machinery, equipment, and/or devices used in the disposal, storage, or transport of hazardous and/or radiological waste materials. 2. In-depth knowledge of state and federal rules, regulations for specific program area, to ensure compliance and provide guidance/or direct training safe operation of sectional equipment, machinery. 3. Serves as Lead worker and technical resource.
Competency	Contributing	Journey	Advanced
Environment, Health & Safety Compliance	<ol style="list-style-type: none"> 1. Assures operation of limited variety of machinery, equipment, and/or devices; Reporting of issues with machinery. 2. Reports maintenance and repair needs. 	<ol style="list-style-type: none"> 1. Inspects safety devices, machinery, or equipment in <i>two or more</i> program or a specialized area of assignment. May calibrate equipment to standards or make minor repairs. 2. Maintains detailed safety logs/maintenance records. 	<ol style="list-style-type: none"> 1. Performs inspections and routine maintenance of equipment, machinery, and/or devices utilized. 2. Maintain service logs and repair schedules. 3. Arranges repairs and/or replacement of equipment, machine materials, and devices within budget
Waste Program Monitoring and Collections	<ol style="list-style-type: none"> 1. Maintains maintenance logs of equipment and/or devices. 2. Handles specific safety equipment, devices, and/or 	<ol style="list-style-type: none"> 1. Monitor, track, log, or maintain physical records of collection, disposal, or storage of environmental waste 	<ol style="list-style-type: none"> 1. Coordinate, track, and log services rendered; accountable for lower level technician's logs.

	materials, under direct oversight of higher-level technician or practitioner.	materials. 2. Independently handles equipment, devices, and/or materials.	2. Serves as lead technician and coordinates the day-to-day work assignments of lower level technicians and/or external staff.
Competency	Contributing	Journey	Advanced
Communication	1. Communicates with other staff to ensure the completion of his/her duties.	1. Reports safety concerns to higher-level staff. 2. Coordinates inspections with a regulatory external and internal agency.	1. Identifies and evaluates safety factors, reports to supervisors. 2. Organizes co-workers, external employees, and/or contracted employees to correct concern/issue.

