

Environmental Compliance & Technology Technician

The Environmental Compliance and Technology Technician interprets and applies applicable regulations, identifies, understands and maintains regulatory compliance and monitors and reports health and physical hazards in the workplace and the environment with the utilization of applicable technology.

		← Specific Tasks →							
General Areas of Competence	Field Operations	Perform sampling & monitoring	Perform site investigation	Perform environmental remediation	Perform spill containment	Monitor shelf life of hazardous materials	Ensure proper labeling/cataloguing of hazardous materials	Ensure proper storage & inventory protocols are being followed for hazardous materials (e.g. aisle spacing)	
		Develop and interpret Standard Operating Procedures (SOPs)	Understand research methodologies						
	Safety	Understand hazard assessment resources (MSDS, NIOSH, etc.)	Identify product & its hazards	Conduct site/risk assessment	Understand all levels of PPE and use	Maintain and inspecting safety equipment	Certified in first aid & CPR	Proficiency in monitoring & sampling equipment	
	Regulatory Compliance	Ability to locate essential regulations specific to the job	General knowledge of which regulatory authority applies to specific situations	Assist employers or organizations in following applicable regulations	Review updates for applicable regulations	Working knowledge of NIMS (National Incident Management System) protocol	Understand community 'right to know' protocols		
	Technology and Equipment	Understand how and when to calibrate/maintain equipment	Ability to operate specific equipment for a task	Assist in selection of equipment	Stay abreast with evolving & current technology, equipment, & methodologies	Provide hands-on training with equipment	Ensure proper storage of equipment	Familiar with utilizing social media when appropriate	
		Familiarity with and ability to use GIS/GPS							
	Public Relations and Outreach	Ability to communicate with the public	Recognize cultural differences	Understand chain of command	Establish and effectively utilizing partnerships	Assist with risk management training to the public	Assist with workshops for public information (eg. safety awareness)		
	Internal Training and Education	Assess training needs	Create presentation materials for training	Provide training to coworkers	Assessment of training delivered				
	Record Keeping	Provide oral or written reports, as required	Maintain appropriate disposal documentation (i.e. disposal manifest)						
	Professional Development	Acquire/maintain proper certifications	Stay abreast of current and emerging research methodologies	Participate in appropriate continuing education opportunities	Network with other professionals in the field				

PANELMEMBERS:

Michelle Isle, Great Northern Development Corp.
 Dennis Four Bear, EHT, Environmental Health Department
 Lars Mikkelsen, Fort Peck Tech Services
 Steve Harada, Montana Fire Services Training School
 Chris Martinez, Agricultural Department – PD
 Jeff Berger, FPT-OEP, UST-LUST

DACUM LOCATION:

Fort Peck Community College
 605 Indian Street
 Poplar, Montana

OBSERVER: Zara Berg, Instructor

FACILITATOR:

Steven Fenton, Consultant

RECORDER:

Sarah Gross, Environmental Analyst, PETE

DACUM Dates: July 14 & 15, 2011



Additional Skills and Knowledge (Flip Side)

<p>Other Knowledge Required</p> <ul style="list-style-type: none"> ○ Understand grant management and budgeting ○ Understand company policies and procedures ○ Minimum statistics/math ○ Computer Skills (need to be proficient in these skills) <ul style="list-style-type: none"> ▪ Word ▪ Excel ▪ Access ▪ PowerPoint ○ General chemistry <ul style="list-style-type: none"> ▪ Understand basic chemistry (how to do titrations, etc.) ○ More certifications <ul style="list-style-type: none"> ▪ Lead abatement ▪ Asbestos abatement 	<p>Recommended Classroom/Field Activities</p> <ul style="list-style-type: none"> ○ Field trips (going to abandoned sites, going to court house to do a phase 1 site history) ○ Job search skills <ul style="list-style-type: none"> ▪ Resume building ▪ Interview training ○ Can send students on OEP (office of environmental protection) sampling – they'll teach the students & need the help. ○ Visit Superfund sites <ul style="list-style-type: none"> ▪ Columbus saw mill ▪ Airport is a CERCLA site (Brownfield) ○ Go online to EPA to research Superfund sites ○ Tour Industrial Park (Lars would be happy to conduct a tour for students)
<p>Important Regulations</p> <ul style="list-style-type: none"> ○ Clean water act <ul style="list-style-type: none"> ▪ Water Standards (what's allowable, if they test the water, etc.) ○ Safe Drinking Water Act ○ RCRA ○ SARA 	<p>Soft (Durable) Skills</p> <ul style="list-style-type: none"> ○ General work ethic ○ Timeliness/punctuality ○ General writing skills ○ Technical writing skills ○ Analyze and write reports ○ Ability to work in teams ○ Critical thinking skills

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National Partnership for Environmental Technology Education (PETE)