

Environmental Health & Safety Profile

September 2016

ID	Competency Statement	Type
CATEGORY A: Environmental and Social Impact Assessment		
SUB-CATEGORY 1: Conducting Environmental and Social Impact Assessments		
2	Develops a project management plan for the impact assessment study	2
7	Assesses environmental and/or social issues, risks or problems, including their cumulative effect and corresponding economic, social and cultural impacts.	2
CATEGORY B: Site Assessment (RRR)		
SUB-CATEGORY 2: Conducting Environmental Site Assessments (ESA - Phase 1 and Phase 2)		
16	Prepares site assessment report(s) to meet regulatory and other requirements, identifying potential risk and scope of further action by appropriate stakeholders, if necessary.	2
18	Communicates results of site assessment to stakeholders such as property owners, responsible party, regulators, the public, etc. via a public consultation or other appropriate communication process.	2
SUB-CATEGORY 4: Developing/Implementing Site Restoration/Reclamation (Phase 3) Plans		
31	Ensures that best practices are followed in the restoration/reclamation process to minimize the impact on the environment.	2
CATEGORY C: Regulatory & Enforcement		
SUB-CATEGORY 5: Interpreting/Enforcing/Complying with Environmental Regulations and Environmental or Sustainability Standards		
34	Provides advice and/or testimony to sr. management, internal staff, regulatory bodies, interest groups and the public regarding environmental regulations and environmental or sustainability standards' issues.	1
35	Applies environmental legislation regarding issues such as contaminated sites, hazardous materials and waste, pesticide use, storage tanks, etc. to specific applications as appropriate.	1
36	Defines environmental and/or sustainability performance requirements for specific jurisdictions.	1
40	Develops plans and programs to meet environmental regulatory requirements and/or environmental and sustainability standards.	1
41	Implements programs, including monitoring activities, to ensure regulatory compliance and standards conformance.	1
42	Evaluates compliance with environmental regulations and conformance to environmental and sustainability standards.	1
43	Prepares compliance and regulatory reports for internal use and for filing with regulatory or reporting agencies.	1

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CATEGORY D: Pollution Prevention, Abatement, & Control		
SUB-CATEGORY 6: Implementing Pollution Prevention, Abatement & Control (PAC) Methods		
46	Assesses operations and processes for potential pollution problems (involves identifying contaminant sources, determining their characteristics and the magnitude of the potential risks).	2
47	Characterizes the attributes of processes and products generated (for example, chemical/biological composition, toxicity, physical properties and degradability).	2
50	Implements pollution prevention, abatement, and control methods/solutions to prevent, abate, control and reduce pollution, contamination or emissions (e.g. devises ways to prevent contamination of water by agri-chemicals and petroleum products).	2
51	Monitors the effectiveness of Pollution Prevention, Abatement, and Control (PAC) solutions, and the performance of installed PAC equipment, systems and technologies.	2
CATEGORY F: Waste Management		
SUB-CATEGORY 8: Developing/Implementing Waste Management Plans and Programs		
66	Implements programs for the management of hazardous and non-hazardous wastes, including: handling, storage, collection, transportation, treatment, disposal (regarding all types of residential, municipal, commercial, and industrial wastes, including agricultural waste, forest harvesting debris, etc.).	2
67	Ensures regulatory requirements are met in the collection, transport, storage and disposal of hazardous wastes.	1
SUB-CATEGORY 9: Monitoring Waste Application/Disposal/Reduction Programs and Activities		
72	Monitors (potential) emissions and discharges of waste disposal sites for their effects on surrounding air, water and soils (including for example sanitary landfills, hazardous waste disposal sites, etc.).	2
CATEGORY H: Environmental Sampling & Analytical Work		
SUB-CATEGORY 11: Developing Environmental Sampling, Testing and Monitoring Programs		
86	Determines the need and scope for sampling program, including environmental indicators, chemicals of concern, and sampling constraints	1
SUB-CATEGORY 12: Collecting Samples and Data for Environmental Purposes		
94	Collects samples and specimens as per established protocol, using more routine sampling procedures and apparatus.	2

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96	Uses appropriate techniques to prepare (code, preserve, pretreat and transport) samples for analysis while maintaining chain of custody requirements and sample integrity.	2
CATEGORY K: Corporate Environmental and/or Sustainability Program Planning & Implementation		
SUB-CATEGORY 18: Developing Corporate Environmental and/or Sustainability Plans, Policies, and Procedures		
138	Advocates with senior management and/or other key stakeholders to ensure due consideration of and commitment to environmental/sustainability management and sustainability principles and strategies.	2
140	Advises senior management and/or other stakeholders on corporate environmental and/or sustainability responsibilities, regulatory and reporting requirements, and corporate liability.	2
141	Provides advice to senior decision makers on the extent to which environmental liabilities and risk are being managed appropriately.	2
SUB-CATEGORY 19: Conducting Environmental Risk Assessments		
150	Identifies hazards, opportunities or potential risks to human health, the environment, facility operation/financial loss, legal liability, social impact, public perception through such activities as collecting source data, reviewing literature, investigating illness/injuries, and obtaining feedback from workers or the public.	1
153	Conducts qualitative assessment of risk by identifying the likelihood of events and the likelihood and severity of individual consequences.	2
156	Develops site specific standards/criteria to identify and manage risk with help from toxicologists and medical staff.	2
SUB-CATEGORY 20: Implementing Environmental and/or Sustainability Management Systems		
165	Advises on human resource issues pertaining to the responsibilities and selection of external environmental contractors and consultants and the internal environmental team in accordance with the organization's policies and regulatory standards.	2
733	Delivers training programs on environmental reporting, environmental recording and/or environmental management systems	1
CATEGORY L: Environmental Health & Safety		
SUB-CATEGORY 23: Monitoring/Addressing Occupational and Public Health and Safety		
178	Evaluates the significance of environmental occupational/public hazards and safety issues as a basis for the development of policies, programs and procedures.	1
179	Develops and implement programs to manage risk to the public.	2

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180	Develops preventative programs that help protect workers' (or the public's) health and safety in response to environmental concerns.	1
181	Develops organizational procedures concerning environmental and occupational/public health and safety matters.	1
182	Implements measures to mitigate the health & safety hazards associated with environmental issues created by operations or construction activities and their by-products such as hazardous leachates, effluents and dusts.	1
183	Develops emergency response plans and procedures to address environmental crises (such as accidental emissions, discharges, releases, explosions, leaks or spills that could cause a threat to humans and the environment), in consultation with stakeholders and emergency response experts.	1
184	Plans responses to mitigate human health risks/dangers of catastrophic events and insidious damage, such as the release of toxic gases.	1
185	Monitors existing or potential environmental health hazards and stressors such as noise, energy (UV, IR, radiation), chemical/biological pollutants in the air, water, and/or soil.	1
186	Monitors HVAC systems relative to health and safety standards for indoor air quality.	2
187	Assesses the effectiveness of health and safety programs for continuous improvement of programs and results.	1