

# Energy Profile

September 2016

ID	Competency Statement	Type
<b>CATEGORY A: Environmental and Social Impact Assessment</b>		
<b>SUB-CATEGORY 1: Conducting Environmental and Social Impact Assessments</b>		
1	Ensures that the impact assessment scope, criteria and conditions (geographic, environmental, economic, social, and cultural) are defined adequately.	1
2	Develops a project management plan for the impact assessment study	2
3	Determines if sufficient baseline data is available for the impact assessment study.	2
4	Reviews facility/development design or production/manufacturing processes as part of the environmental and social impact assessment	1
5	Consults with stakeholders to gather information regarding the perceived impacts of development activities on communities, the environment and natural resources.	1
6	Identifies which areas are likely to be significantly impacted by development activities, e.g. biophysical, economic, social, cultural, and heritage resources.	1
7	Assesses environmental and/or social issues, risks or problems, including their cumulative effect and corresponding economic, social and cultural impacts.	2
<b>CATEGORY B: Site Assessment (RRR)</b>		
<b>SUB-CATEGORY 2: Conducting Environmental Site Assessments (ESA - Phase 1 and Phase 2)</b>		
12	Carries out visual inspection of site and neighbouring properties as part of the site assessment.	2
<b>CATEGORY C: Regulatory &amp; Enforcement</b>		
<b>SUB-CATEGORY 5: Interpreting/Enforcing/Complying with Environmental Regulations and Environmental or Sustainability Standards</b>		
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.	2
35	Applies environmental legislation regarding issues such as contaminated sites, hazardous materials and waste, pesticide use, storage tanks, etc. to specific applications as appropriate.	3
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

# Energy Profile

September 2016

ID	Competency Statement	Type
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
45	Oversees or participates in audits of the environmental and/or sustainability performance to determine adequacy of procedures and non-compliance/conformance issues.	2
<b>CATEGORY H: Environmental Sampling &amp; Analytical Work</b>		
<b>SUB-CATEGORY 11: Developing Environmental Sampling, Testing and Monitoring Programs</b>		
86	Determines the need and scope for sampling program, including environmental indicators, chemicals of concern, and sampling constraints	3
89	Develops methodologies and protocols for the collection and analysis of qualitative data to complement any quantitative data collected.	2
<b>SUB-CATEGORY 12: Collecting Samples and Data for Environmental Purposes</b>		
102	Maintains appropriate records and ongoing documentation pertaining to field and laboratory analytical work, including regulatory documentation.	2
<b>SUB-CATEGORY 13: Analyzing and Interpreting Environmental Samples and Data</b>		
114	Prepares summary reports of analysis results to be added into technical reports or presentations to expert and/or non-expert audiences	1
<b>CATEGORY I: Policy Development &amp; Planning</b>		
<b>SUB-CATEGORY 15: Liaising and Partnering with Stakeholders</b>		
125	Develops partnerships with key stakeholders to enhance environmental stewardship and address sustainability issues and concerns.	2
<b>CATEGORY J: Planning, Monitoring &amp; Reporting for Sustainability</b>		
<b>SUB-CATEGORY 16: Developing Sustainability Strategies, Programs, Plans and Indicators</b>		
128	Develops a framework and policies, with input from key stakeholders, for identifying sustainable development approaches and solutions that balance environmental, economic, social and cultural needs.	2
129	Identifies and addresses gaps in scientific, technical and cultural knowledge necessary in forecasting/modeling sustainable development scenarios	3

# Energy Profile

September 2016

ID	Competency Statement	Type
130	Identifies and stays current with trends, best management practices, technology advancements and guiding principles for sustainability	1
131	Advices in the development of sustainability strategies, plans, programs or initiatives	2
132	Evaluates the environmental, economic, social and cultural implications of potential sustainability initiatives.	2
134	Develops sustainability indicators and a process for reporting progress towards environmental performance targets.	3
<b>SUB-CATEGORY 17: Implementing/Monitoring Sustainability Strategies, Plans and Programs</b>		
136	Implements sustainable development strategies	3
137	Monitors changing needs of stakeholders and effectiveness of sustainable development strategies overtime to determine if strategies, targets, and/or timelines need to be modified	2
<b>CATEGORY Q: Environmental and/or Sustainability Communications &amp; Public Awareness</b>		
<b>SUB-CATEGORY 34: Developing/Implementing Environmental and/or Sustainability Communications and Awareness Programs</b>		
290	Demonstrates a working knowledge of environmental legislation, regulation, standards and voluntary agreements	1
299	Makes presentations to a variety of audiences to build awareness of environmental and/or sustainability issues, concerns and/or programs.	2
<b>SUB-CATEGORY 35: Presenting Expert Information on Environmental Matters</b>		
302	Manages customer relations on environmental and/or sustainability matters that builds productive partnerships with clients, suppliers and other stakeholders	2
<b>CATEGORY R: Energy management, energy efficiency and renewable energy</b>		
<b>SUB-CATEGORY 36: Creating, Managing and/or Implementing Energy Management and Energy Efficiency Strategies, Initiatives, Projects and Programs</b>		
711	Understands concepts related to generation, transport, installation, operation, and maintenance of technologies and related equipment used to produce energy	3
712	Advices in the development of energy management strategies on renewable energy use, reduction of GHG emissions or improving energy efficiency.	3
713	Assess economic feasibility of products and technologies aimed at reducing energy demand and use and/or improving energy efficiency	3
714	Identifies targets, best practices and objectives to reduce energy demand or use and/or improve energy efficiency	2

# Energy Profile

September 2016

ID	Competency Statement	Type
715	Develops or participates in developing plans, initiatives, projects or programs to reduce energy demand or use and/or improve energy efficiency	2
716	Implement plans, initiatives, programs, projects or activities to reduce energy demand or use and/or improve energy efficiency	2
717	Monitors and/or reports performance of energy management plans, initiatives, programs, projects or activities aimed at reducing energy demand or energy use and/or improving energy efficiency	2
<b>SUB-CATEGORY 37: Managing and/or Implementing Renewable Energy Related Strategies, Initiatives, Projects and Programs</b>		
718	Develops or participates in developing plans, initiatives, projects or programs to increase use of renewable energy or reduce greenhouse gas emissions in meeting production or building operations' needs	3
719	Implements energy management activities aimed at use of renewable energy or reduction of greenhouse gas emissions to meet production or building operations needs	3
720	Monitors performance of energy management plans, initiatives, programs, projects or activities aimed at using renewable energy or reducing greenhouse gas emissions while meeting production or building operation	3
721	Provides advice about energy consumption and greenhouse gas emissions that conform to standard protocols, legislated requirements and/or industry best practices.	3