

WORK EXPERIENCE LEVELS

Typical Indicators of Various Categories of Employment	
Level 1 Trade	<ol style="list-style-type: none"> 1. Applies practical methods to manufacture, construct, install operate and maintain engineered products, system processed and services under supervision or as part of a work team. 2. Follows instructions, schematics, drawings, and specifications. 3. The tasks may be routine or repetitive requiring practical application of technology. 4. Any deviation from plans, specifications or processes require prior approval from a supervisor. 5. Adjusts and maintains equipment, calibrates instruments, records and reports results compared to predetermined standards and values.
Level 2 Technician (CTech)	<ol style="list-style-type: none"> 1. Assists in manufacturing, testing, constructing, installing, operating and maintaining of engineered products processes, systems and services. 2. Performs defined technical tasks and solves problems based on the principles of applied science and technology. 3. Interprets and is guided by text and graphical instructions applicable to a defined range of services, products or processes. 4. Performs technical procedures to provide a service, produce products, and operate equipment or processes. 5. Assesses conditions and takes corrective action within predetermined limits.
Level 3 Technologist (AScT)	<ol style="list-style-type: none"> 1. Routinely engaged in designing, developing, testing and commissioning of engineered products processes, buildings, civil infrastructure facilities, systems and services. 2. Demonstrates a broad depth of knowledge and effective communication skills to undertake a variety of technical assignments. 3. Frequently involved in providing technical input resulting in operational decisions on technical teams. 4. Receives broad direction and final approval from supervisors for product designs, work processes or services. 5. Generates information or documentation providing training and direction to technical personnel or business professionals or clients.
Level 4 Professional Technologist (PTech)	<ol style="list-style-type: none"> 1. Collects, organizes, evaluates and designs products, services or procedures in complex technological areas. 2. May act as a consultant or be regarded as a technical expert in their field. 3. Consistently demonstrates current, state of the art technical competencies and commitment to technological best practices including application of the latest codes and standards. 4. Independently defines complex technology problems to be solved and conceives of projects as a satisfactory solution. 5. Frequently involved in analysis of services, products or processes for the purpose of improving effectiveness or efficiency of work being done.
Level 5 Technology Manager (RTMgr)	<ol style="list-style-type: none"> 1. Occupies a managerial or supervisory position requiring a technical background. 2. Supervises the work of a team of professionals and is frequently responsible for managing projects. 3. May be an executive fulfilling a senior management role in a technological enterprise. 4. Interprets and applies commercial and civil laws and regulations applicable to the products, services and processes. 5. Is involved in long-range planning, preparation of technical and business plans or proposals including cost estimating and budgets.
Level 6 Engineer	<ol style="list-style-type: none"> 1. Uses conceptualization, abstraction and modeling to solve complex engineering problems. 2. Researches, develops and applies conventional and new technologies. 3. Promotes advanced designs or methods to resolve technological challenges. 4. Uses mathematical and other analytical and scientific methods to verify assumptions, evaluate results, and apply professional judgment. 5. Accepts legal responsibility for the design, research, development, commissioning and field review of engineering projects in construction, fabrication, processing, transportation, resource extraction and the environment.