

**STATEMENTS OF MERIT CRITERIA AND CONDITIONS OF EMPLOYMENT FOR ENG-03**

<b>Field of activity: Project Management</b>	<b>Field of activity: Systems Engineering</b>	<b>Field of activity: Operations Engineering</b>
<p><b>ESSENTIAL QUALIFICATIONS (GENERIC)</b></p> <ol style="list-style-type: none"> <li>1. Bachelor degree, recognized in Canada, in an engineering discipline relevant to the duties of the position considered, such as but not limited to: Aerospace, Chemical, Civil, Computer, Electrical, Industrial, Mechanical, Systems.</li> <li>2. Experience in performing engineering analyses and in providing recommendations in engineering projects or activities. (118)</li> <li>3. Capacity to communicate efficiently orally.</li> <li>4. Capacity communicate efficiently in writing</li> <li>5. Team Work</li> <li>6. Initiate and adapt to change</li> <li>7. Execute work</li> <li>8. Respect of values and ethics</li> </ol>	<p><b>ESSENTIAL QUALIFICATIONS (GENERIC)</b></p> <ol style="list-style-type: none"> <li>1. Bachelor degree, recognized in Canada, in an engineering discipline relevant to the duties of the position considered, such as but not limited to: Aerospace, Chemical, Civil, Computer, Electrical, Industrial, Mechanical, Systems.</li> <li>2. Experience in performing engineering analyses and in providing recommendations in engineering projects or activities. (118)</li> <li>3. Capacity to communicate efficiently orally..</li> <li>4. Capacity communicate efficiently in writing.</li> <li>5. Team Work</li> <li>6. Initiate and adapt to change</li> <li>7. Execute work</li> <li>8. Respect of values and ethics</li> </ol>	<p><b>ESSENTIAL QUALIFICATIONS (GENERIC)</b></p> <ol style="list-style-type: none"> <li>1. Bachelor degree, recognized in Canada, in an engineering discipline relevant to the duties of the position considered, such as but not limited to: Aerospace, Chemical, Civil, Computer, Electrical, Industrial, Mechanical, Systems.</li> <li>2. Experience in performing engineering analyses and in providing recommendations in engineering projects or activities. (118)</li> <li>3. Capacity to communicate efficiently orally..</li> <li>4. Capacity communicate efficiently in writing</li> <li>5. Team Work</li> <li>6. Initiate and adapt to change</li> <li>7. Execute work</li> <li>8. Respect of values and ethics</li> </ol>

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<b>Field of activity: Project Management</b>	<b>Field of activity: Systems Engineering</b>	<b>Field of activity: Operations Engineering</b>
<p><b>ESSENTIAL QUALIFICATIONS (POSITION SPECIFIC: PROJECT MANAGEMENT)</b></p> <ol style="list-style-type: none"> <li>1. Various language profiles: BBB/BBB , BBC/BBC, CBC/CBC, CCC/CCC, English essential</li> <li>2. Experience in the implementation and coordination of projects. (119)</li> <li>3. Knowledge of principles and practices related to Project Management.</li> <li>4. Experience in contract management. (120)</li> <li>5. Ability to assess the work of contractors based on project management knowledge areas.</li> <li>6. Experience in using cost and schedule management software (such as Primavera, Project Scheduling PS7, or Microsoft project). (115)</li> </ol>	<p><b>ESSENTIAL QUALIFICATIONS (POSITION SPECIFIC: SYSTEMS ENGINEER)</b></p> <ol style="list-style-type: none"> <li>1. Various language profiles BBB/BBB , BBC/BBC, CBC/CBC, CCC/CCC, English essential</li> <li>2. Experience in working on projects in an engineering capacity. (123)</li> <li>3. Knowledge of engineering standards and practices.</li> <li>4. Ability to analyze engineering problems.</li> </ol>	<p><b>ESSENTIAL QUALIFICATIONS (POSITION SPECIFIC: OPERATIONS ENGINEER)</b></p> <ol style="list-style-type: none"> <li>1. Various language profiles BBB/BBB , BBC/BBC, CBC/CBC, CCC/CCC, English essential</li> <li>2. Experience in the application of engineering techniques, practices, processes and procedures. (128)</li> <li>3. Knowledge of theories and practices of aerospace hardware and software development, verification, validation and operation</li> <li>4. Ability to evaluate proposals.</li> <li>5. Ability to work in a time-critical environment.</li> </ol>
<p><b>ASSET: QUALIFICATIONS</b></p> <ol style="list-style-type: none"> <li>1. Formal training in Project Management obtained at university or given by Federal Departments, or any other applicable training in Project Management, or a recognized project management certification.</li> <li>2. Experience with SAP financial system.</li> </ol>	<p><b>ASSET: QUALIFICATIONS</b></p> <ol style="list-style-type: none"> <li>1. Post-graduate degree in an applicable engineering or science discipline, from a recognized university in Canada.</li> <li>2. Experience in working on space projects in an engineering capacity. (124)</li> </ol>	<p><b>ASSET: QUALIFICATIONS</b></p> <ol style="list-style-type: none"> <li>1. Post-graduate degree in an applicable engineering or science discipline, from a recognized university in Canada.</li> <li>2. Experience with relevant operations Software. (129)</li> </ol>

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<b>Field of activity: Project Management</b>	<b>Field of activity: Systems Engineering</b>	<b>Field of activity: Operations Engineering</b>
<p>3. Work experience in project or program management, including cost and schedule control in projects in which federal departments such as Treasury Board, Public Works and Government Services, Department of National Defense or other federal departments have been the customers or partner. (Experience of Government processes). (122)</p> <p>4. Knowledge of policies and guidelines in federal departments governing project management, such as Treasury Board, Public Works and Government Services and Department of National Defense or other federal departments.</p> <p>5. knowledge of Remote Sensing or Earth Observation satellite systems.</p> <p>6. knowledge in telecommunication or telecommunication satellite systems.</p> <p>7. knowledge of sciences and space exploration or of scientific satellites systems or space exploration.</p> <p>8. Knowledge of risk analysis techniques and management.</p> <p>9. knowledge of national and international industries and organizations involved in the space fields.</p>	<p>3. Engineering experience in a particular Space Mission Life-Cycle phase (Definition, Design, Development, and Operations) directly relevant to the duties of the position. (125)</p> <p>4. Engineering experience in a particular type of Space Mission (Communications, Earth Observation, Science) directly relevant to the duties of the position. (126)</p> <p>5. Experience in a space Specialty Engineering (Electrical, Mechanical, Software etc) directly relevant to the duties of the position. (127)</p>	<p>3. Knowledge of government standards and administrative procedures applicable to the space domain; in particular the Canadian Space Agency and its main partners.</p> <p>4. Knowledge of MSS (<b>Mobile Servicing System: International Space Station Assembly</b>) operation principles, including operational modes and flight rules.</p> <p>5. Knowledge of technical fields such as dynamics, mechanical systems, and human machine interface.</p> <p>6. Experience in robotics. (130)</p> <p>7. Experience in operations environment. (131)</p> <p>8. Knowledge of national and international industries and organisations involved in the space fields.</p> <p>9. Ability to communicate in science or engineering, terms in particular to produce related papers.</p>

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<b>Field of activity: Project Management</b>	<b>Field of activity: Systems Engineering</b>	<b>Field of activity: Operations Engineering</b>
<p><b>ORGANIZATIONAL NEEDS</b></p> <p>Membership in one of the designated Employment Equity groups.</p>	<p><b>ORGANIZATIONAL NEEDS</b></p> <p>Membership in one of the designated Employment Equity groups.</p>	<p><b>ORGANIZATIONAL NEEDS</b></p> <p>Membership in one of the designated Employment Equity groups.</p>
<p><b>CONDITION OF EMPLOYMENT</b></p> <p>Security Clearance: enhanced reliability to secret, as applicable to a given position.</p> <p>Be able to work at other facilities in and outside Canada (some of them requiring special access)</p>	<p><b>CONDITION OF EMPLOYMENT</b></p> <p>Security Clearance: enhanced reliability to secret, as applicable to a given position.</p> <p>Be able to work at other facilities in and outside Canada (some of them requiring special access)</p>	<p><b>CONDITION OF EMPLOYMENT</b></p> <p>Security Clearance: enhanced reliability to secret, as applicable to a given position.</p> <p>Be able to work at other facilities in and outside Canada (some of them requiring special access)</p>
<p><b>OPERATIONAL REQUIREMENTS</b></p> <ol style="list-style-type: none"> <li>1. Be able to travel in Canada or abroad a few times per year.</li> <li>2. Be able to work at other facilities in and outside Canada (some of them requiring special access)</li> </ol>	<p><b>OPERATIONAL REQUIREMENTS</b></p> <ol style="list-style-type: none"> <li>1. Be able to travel in Canada or abroad a few times per year.</li> <li>2. Be able to work at other facilities in and outside Canada (some of them requiring special access)</li> </ol>	<p><b>OPERATIONAL REQUIREMENTS</b></p> <ol style="list-style-type: none"> <li>1. Be able to travel in Canada or abroad a few times per year.</li> <li>2. Be able to do shift work</li> <li>3. Be able to work at other facilities in and outside Canada (some of them requiring special access)</li> </ol>