


## Job Evaluation Rating Documentation

<p><b>CUPE, SEIU, SGEU, SAHO</b></p> 	<p><b>Job Title</b> <u>3rd Class Power Engineer</u></p> <p><b>Date</b> <u>October, 2000</u></p> <p><b>Revised Date</b> <u>2004</u></p> <p><b>Revised Date</b> _____</p>	<p><b>Code</b></p> <p><u>008</u></p>
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<p><b>Decision Making</b></p> <p>Adheres to the Boiler and Pressure Vessels Act. Performs tests and interprets results. Uses discretion regarding building systems services. Adapts parts to fit obsolete equipment. Troubleshoots, analyzes, interprets and leads projects related to the plant/energy center.</p>	<p><b>Degree</b></p> <p><u>3.5</u></p>
<p><b>Education</b></p> <p>Grade 12 Power Engineering Technology diploma (1601 classroom hours). 3rd Class Power Engineering certificate.</p>	<p><u>4.5</u></p>
<p><b>Experience</b></p> <p>Six (6) months previous experience (operating time) in a 3rd class plant to obtain certification. Twelve (12) months on the job to become familiar with layout of facility, operation of computerized building system, and region/facility/department policies and procedures.</p>	<p><u>5.0</u></p>
<p><b>Independent Judgement</b></p> <p>Functions within the standards contained in the Boilers and Pressure Vessels Act. Required to use analysis and troubleshooting to determine the cause of equipment breakdowns and requirements for repair.</p>	<p><u>3.5</u></p>
<p><b>Working Relationships</b></p> <p>Regular contact with employees when dealing with building environment issues which require courtesy and cheerfulness. Maintains equipment logs, chemical tests and makes recommendations regarding preventative maintenance. Provides technical explanation and/or advice to peer professionals and other co-workers in facility/site.</p>	<p><u>3.5</u></p>

<b>Impact of Action</b>	<b>Degree</b>
<p>Provides steam services as prescribed by the Boiler and Pressure Vessels Act to meet quality and service requirements. Responsible for evaluating steam services and provides input through monitoring and testing.</p> <p>Misjudgement in operating/monitoring and/or maintaining the plant/equipment may result in substantial loss of service (e.g., steam) and/or disruption in service delivery.</p>	<u>2.5</u>
<p><b>Leadership and/or Supervision</b></p> <p>Provide occasional guidance to the 4th Class Engineers and functional guidance to outside contractors when working within the plant/energy centre.</p>	<u>2.5</u>
<p><b>Physical Demands</b></p> <p>Regular physical effort pushing, reaching and bending with periods of heavy lifting associated with repair of equipment and movement of materials.</p>	<u>2.5</u>
<p><b>Sensory Demands</b></p> <p>Regular sensory effort such as fine repairs, monitoring alarm systems, listening to and observing equipment.</p>	<u>2.0</u>
<p><b>Environment</b></p> <p>Regular exposure to major hazards such as steam, chemicals, and extreme noise and temperature.</p>	<u>4.0</u>