


Job Evaluation Rating Document

| | | |
|--|---|-------------------------------|
| CUPE, SEIU, SGEU, SAHO  | Job Title <u>Biomedical Engineering Technologist</u> Date <u>October 2000; 2004</u> Revised Date <u>August 2006, October 9, 2014</u> Revised Date <u>February 15, 2022</u> | Code <u>030</u> |
|--|---|-------------------------------|

| | |
|---|---------------------------------|
| Decision Making <p>Some choice of action when providing engineering solutions to upgrade, customize or modify existing medical devices. Recommends new solutions for enhancing medical devices. Decisions are typically made within accepted practices and procedures. Decisions affecting medical devices can be made on an exceptional basis (e.g., equipment failure during an operating room procedure is repaired on a temporary basis to keep equipment functioning until permanent repairs can be made).</p> | Degree <u>3.5</u> |
|---|---------------------------------|

| | |
|---|---------------------------------|
| Education <p>Grade 12. Biomedical Engineering Technology diploma (NAIT 1820 hours).</p> | Degree <u>4.0</u> |
|---|---------------------------------|

| | |
|---|---------------------------------|
| Experience <p>Twenty-four (24) months previous experience. Eighteen (18) months on the job experience to become familiar with department policies and procedures and to consolidate knowledge and skills.</p> | Degree <u>7.0</u> |
|---|---------------------------------|

| | |
|--|---------------------------------|
| Independent Judgement <p>Performs regular preventative maintenance on medical devices according to specifications and manufacturer's guidelines and standards. Troubleshoots, problem solves and repairs medical devices. Exercises judgment when researching, analyzing and troubleshooting equipment and software problems and developing solutions.</p> | Degree <u>4.0</u> |
|--|---------------------------------|

| | |
|---|---------------------------------|
| Working Relationships <p>Requires tact and discretion when providing technical explanation and/or advice to co-workers, physicians, managers, peer professionals and other employees on various medical devices. Uses persuasion to attain cooperation from staff when making temporary repairs to medical devices until permanent repairs can be made.</p> | Degree <u>4.0</u> |
|---|---------------------------------|

Job Title

Biomedical Engineering Technologist

Code

030

| | |
|--|---------------------------------|
| Impact of Action Misjudgement or insufficient analysis when repairing equipment may result in equipment failure and serious disruptions and/or delays to patient care, the discomfort of clients/patients/residents and financial and public image losses to the agency/facility or service. | Degree <u>3.5</u> |
| Leadership and/or Supervision Provides occasional guidance to staff. Provides functional guidance or specialty advice concerning new equipment operation to physicians and other medical professionals. | Degree <u>2.5</u> |
| Physical Demands Regular physical effort required when walking, climbing, crouching, repairing and moving equipment. Servicing/calibrating biomedical equipment requires fine hand/eye coordination. Job involves periods of transporting heavy equipment and working in awkward positions. | Degree <u>2.5</u> |
| Sensory Demands Frequent sensory effort in testing and repairing delicate equipment, listening to staff describing details of equipment problems and listening to medical devices with competing multiple sensory demands while maintaining and repairing critical medical devices. | Degree <u>3.0</u> |
| Environment Regular exposure to major conditions such as contaminated medical devices, blood and body fluids and chemical substances. | Degree <u>4.0</u> |