Agreed March 6, 2023

Classification Level P1 – Working Professional
Professional Grouping: **ELECTRODIAGNOSTIC**
Professions: *Cardiology Technologist* (*including but not limited to Cardiovascular Technologist, Electrophysiology Technologist, and Cardiac Rhythm Devices Technologist*)*, Electroneurophysiology Technologist* (*including but not limited to Electroencephalography Technologist, Electromyography Technologist, Electronystagmography Technologist)*
NATURE OF WORK:
Jobs matched to this job profile perform a wide range of electro-diagnostic and/or technical procedures: conduct tests, experiments, analyses and studies to assist in the diagnosis, prevention, monitoring, and treatment of physical injury or disease within professional scope of practice and established policies, procedures and standards in a variety of healthcare environments. These jobs utilize technical and scientific proficiency gained through required post-secondary qualifications for designated professions. This includes additional specific certifications required to perform the full scope of the job as described by the job description, and within professional scope of practice as determined by the relevant college, accrediting body, or professional association.
Illustrative Responsibilities:
Consistent with professional scope of practice performs some or all of the following: • Exercises independent judgment in decision making related to the provision of diagnostic and/or technical procedures. • Performs work in accordance with established standards of practice, Employer policies, and work-related processes, procedures and guidelines, including patient safety and quality protocols. • Collaborates with multi-disciplinary care teams, practice leaders, patient/client, family, and other stakeholders; interviews/gathers/verifies information from patient/client/family, reviews patient/client heath record if applicable. • Performs diverse procedures, tests or studies to obtain data for use by physicians or other health care providers in the diagnosis, prevention, monitoring, and treatment using a variety of tools, equipment and machinery. Determines appropriate parameters to obtain diagnostic information. • Sets up and operates and maintains equipment. Prepares patient/client for procedure such as by attaching electrodes/leads; provides patients/clients with appropriate instruction and care during procedures; and provides pre and post instruction and education to patients/clients as required. • Observes and monitors patient/client activity based on accepted standards, modifies/adjusts recording parameters, protocols, and machine settings. Notifies physician of adverse reaction and/or seeks medical assistance. • Record results/measurements, or description of analysis or procedure; prepares summaries or technical reports for interpretation by physicians or other staff. Performs, interprets and reviews quality control results. • Participates in employer programs and initiatives such as research activities, quality improvement, team conferences, meetings, and the development of new policies, procedures and standards for care/program delivery. Contributes to discussions; reports back on decisions, outcomes and recommendations. • Utilizes, maintains, and participates in the evaluation of work-related systems, tools, supplies, and equipment in the provision of care/treatment. Checks, calibrates or programs equipment or devices. • Gathers, enters, reviews, and maintains patient/client information in health systems. Compiles/prepares reports. • Provides orientation, guidance, and collegial information or demonstration of equipment or work methods and processes to others including peers, new staff, and students. Provides instruction and/or supervision to student; evaluates and provides feedback on student progress. Provides work direction to support staff. **Additional Profession Specific Details:** *Cardiology Technologist:* • Work primarily involves conducting a wide range of cardiac diagnostic tests such as Electrocardiograms (ECG/EKG), exercise tolerance, standard and nuclear stress testing, and Holter Monitoring to record cardiac function. *Electroneurophysiology Technologist:* • Work primarily involves conducting electroneurophysiological (ENP) tests such as electroencephalograms (EEG), electronystagmograms (ENG), multiple sleep latency, evoked potentials, nerve conduction studies, magnetic evoked potentials (MEP), electroretinograms, electro oculograms, and videonystagmograms (VNG) on patients/clients/residents to record the electrical activity of the brain, cranial and central nervous system; assessment of the oculomotor and vestibular systems or assess muscle strength and repetitive stimulation; may perform intraoperative monitoring procedures.