

NBTAP Secondary Pre-Apprenticeship



Over the course of the NBTAP Employment experience, student apprentices should observe, and perform, some of the following trade skills under the supervision of a qualified journeyman.

IMPORTANT NOTE: Students, as part of your NBTAP summer experience, you will be required to maintain a Secondary Pre-Apprenticeship Logbook. **Please be sure to obtain a copy of your NBTAP Logbook from your School Champion or the Pre-Apprenticeship Coordinator PRIOR to starting your employment placement.**



Switchboard Operator: Trade Related Skills

- Follows proper procedures in writing a plant log and checking DC systems, low voltage areas, and checking of all recording charts
- Reads meters associated with equipment under control of operator
- Extracts information (electrical and mechanical) from one-line diagrams
- Understands types, applications, and ratings of transformers
- Inspects transformers and their cooling systems
- Checks and operates station fixed and portable fire protection equipment
- Operates sump pumps systems
- Inspects motors for proper operation
- Monitors sequence of events equipment
- Uses communication systems (voice and data)
- Checks storage batteries and charging equipment systems
- Operates and controls station cooling water, freshwater system, and air supply systems
- Operates heating, ventilation, and air conditioning (HVAC)
- Performs lead/lag changes and synchronous condenser start/stop sequences
- Operates motor control centers
- Monitors and resets relay protection
- Performs kirk key interlock operations
- Operates exciters, voltages regulators, and transformer fire protection systems

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CONTACT US

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