

# 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.**



## Water Well Driller: Trade Related Skills

- Handles customer complaints
- Uses a checklist for tools, equipment, and material needed for each Job
- Selects proper equipment for the job
- Determines the daily water requirements of a residential system
- Set-up level and block cable rig and rotary rig
- Dismantles cable rig and rotary rig
- Drills and bails a hole 7 meters (20') in depth
- Drills a hole to depth of 7 meters (20') using a tri-cone bit
- Drills a hole with an air percussion hammer to a depth of 7 meters (20')
- Sets casing
- Pulls casing
- Grouts well casing using tremie method and using pressuring method
- Dismantles, cleans, and reassembles grout pump
- Conducts air lift test and bailer test
- Uses dry-ice method, air pressure, and water pressure to improve well yield
- Completes well log
- Determines piping requirement
- Installs reciprocating shallow well pump and submersible pump

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**CONTACT US**

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