

JOB DESCRIPTION

Position Title: Production Machine Operator

Department: Cable Fabrication

Reports To: Production Supervisor

Position Summary:

A cable fab associate produces twisted wire, sub assembly components and/or hoses. Common processes include bunching or twisting machines, stranding (twisting together of multiple strands), twinning (twisting two conductors into pairs), quadding (4 previously produced pairs twisted together to form a 4 pair), braiding, and armoring cables in a planetary cabler.

Essential Job Functions:

- Set up and operate cabling production equipment following work instructions and machine standards to ensure that a quality product is produced.
- Ability to operate multiple cabling, twisting and bunching machines as well as auxiliary tape machines.
- Performs and record all applicable quality checks on the product.
- Ability to perform tension control and dynamic lay length measurements.
- Maintain a clean and orderly work area including a complete clean up at end of shift.
- Clearly communicate the status of the work in process and any other factors that may affect work flow or product quality.
- Embody the core values of Safety, Integrity, Teamwork & Continuous Improvement

Skills Desired:

- Knowledge of Bunching, stranding, twinning planetary cabler and braiding equipment.
- Knowledge of lay direction (right hand (z strand) vs left hand lay(s strand))
- Ability to check color codes
- Knowledge of various braiding materials (Kevlar, Nylon, Polyester, Teflon, metallic braids)
- Knowledge of closing dies
- Knowledge of cable armoring with steel/high tensile steel
- Tape heads and various taping materials
- Payoffs and take-ups
- Capstans, caterpillar
- Guide plates (lay plates).
- Diameter control
- Various reel types and sizes, spools for braiding, rotary braiding machines
- Loading and unloading characteristics of machines
- Length counters, operational controls, tension controls and emergency stops.
- Understanding elongation, wire resistance, weight, length, appearance, cast memory.

Essential Job Requirements:

- High School diploma or GED.
- Basic mathematical skills
- Basic knowledge of calipers, micrometers, reading dial gauges, tape measures
- Basic knowledge of cabling equipment and mechanical aptitude.

Physical Requirements:

The ability to lift, push and pull at least 50 pounds, stand, kneel, reach and sit in a normal seated position for extended periods of time.