

**REYNOLDS ELECTRICAL & ENGINEERING CO., INC.**  
**POSITION DESCRIPTION**

**POSITION TITLE:** Miner

**JOB CODE :** 032203

**DATE PREPARED :** July 17, 1992

**Revised:** December 13, 1993

**SUMMARY STATEMENT**

The incumbent performs underground mining for adits, drifts, crosscuts, and alcoves.

**DIMENSIONS**

The incumbent reports to a Shifter, Tunnel Walker, or exempt supervisor and has no supervisory responsibility.

**NATURE AND SCOPE**

1. Drills, loads, blasts, or cuts rock to drive underground drifts, adits, winze, crosscuts, and excavation of alcoves, shafts, raises, etc.; operates one or a combination of mechanical boring and cutting machines such as drill jumbos, jacklegs, tunnel boring machines, and continuous miners (such as Alpine Miners);
2. Installs ground support as necessary after scaling; drills holes; installs rock bolts, wire mesh, and shotcrete; may stand timber or steel sets with lagging as alternate support;
3. Assists in loading, transporting, and offloading of materials, equipment, and supplies; signals/directs motorman in movement of muck, supply, and man trains;
4. Supports concrete placements and grout pours by setting up pumping equipment, conveyers, and connecting hoses and discharging Moran cars;
5. Hand-excavates using pneumatic tools;
6. Adheres to all Company EEO, affirmative action, environmental, health, safety, quality assurance, and security programs;
7. Performs related work as required.

**ESSENTIAL JOB FUNCTIONS**

**Physical**

<i>Constantly = Over 2/3 of time</i> <i>Frequently = 1/3 - 2/3 of time</i> <i>Occasionally = Less than 1/3 of time</i>
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1. Constant standing/walking in underground tunnels on uneven terrain throughout work shift up to two to three miles per shift, depending upon work location;
2. Frequent lifting/carrying tools/equipment/supplies up to 50 pounds; assistive devices available for lifting/carrying up to 100-pound heavier items including jacklegs, sinking hammer, and spader;
3. Constant pushing/pulling using both hands/arms exerting a force between 10 and 75 pounds while moving/operating heavy equipment;
4. Occasional climbing ladders downshaft to work area or climbing on equipment/scaffolding;
5. Constant bending/twisting at waist/knees/neck and working in awkward position throughout work shift;
6. Occasional kneeling/crouching/crawling throughout work shift may be required;

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7. Constant use of both hands/arms reaching/grasping/gripping while utilizing hand/power tools/equipment; worker subject to vibration from use of sinking hammer, jackhammers, and power tools/equipment;
8. Constant use of sight required; excellent hand/eye/foot coordination is necessary in use of power tools; depth perception and peripheral vision are required to maintain safe work environment; visual acuity in near-, mid-, and far-range is required to perform job duties safely/accurately;
9. Constant use of speech/hearing abilities communicating with coworkers/supervisors and maintaining a safe work environment;
10. Frequent working in awkward positions and confined work spaces; working with arms extended overhead for prolonged periods of time; occasional jumping may be required.

### Mental

1. Constant attention to detail when operating equipment and maintaining alert vigil in highly hazardous working conditions;
2. Must be able to read/write/speak English and understand technical information, drawings, schematics, and Material Safety Data Sheet guidelines;
3. Must possess basic mathematical skills;
4. Must be able to work under pressures of hazardous work conditions while maintaining work schedules as assigned;
5. Must be able to work effectively in a small-team environment while working independently to meet work goals.

### WORKING CONDITIONS AND EQUIPMENT USED

Work is mostly performed underground in tunnels/downshafts.

Tools & Equipment Used: Hands/power tools, two-way radio, drill jumbos, jacklegs, tunnel boring machines, Alpine Miners, jackhammers, spaders, sinking hammers, wire mesh, shotcrete equipment, pumping equipment, conveyors, hoses, and other equipment as needed. Safety equipment includes hard hat, flashlight, emergency air pack, safety glasses, safety belt, steel-toed safety shoes, eye/hearing protection, and respirator.

### REQUIRED TRAINING AND WORK EXPERIENCE

Miner - Tunnel requires one year of underground mining experience. Equivalent experience will be accepted in drilling, mucking, blasting, or timbering classifications. Some jackleg and rock bolt experience is desirable. Shaft Miner requires one year of experience in shaft mining, sinking, or vertical shaft and handling of heavy ground. Hard rock, stoke, or drifting is equivalent experience.

### OTHER SPECIAL QUALIFICATIONS

Valid driver's license required. Must be fitted/qualified for a respirator.