

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

POSITION TITLE: Ironworker

JOB CODE : 071303, 076302

DATE PREPARED : July 22, 1992

Revised: December 13, 1993

SUMMARY STATEMENT

The incumbent fabricates, rigs, places, ties, and welds reinforcing steel in accordance with plans, specifications, and the Concrete Reinforcing Steel Institute (CRSI) Manual of Standard Practice.

DIMENSIONS

The incumbent reports to a foreman, general foreman, or salaried supervisor and has no supervisory responsibility.

NATURE AND SCOPE

1. Performs work in accordance with drawings, sketches, specifications, codes, and standards;
2. Identifies and performs required welding operations according to REECo Qualified Welding Standard WQ-1, applicable General Welding Standards, and other approved specifications as applicable;
3. Measures, cuts, and bends reinforcing steel in the fabricating yard;
4. Loads fabricated steel, arranges transport to jobsite, unloads fabricated steel, and places it in formwork;
5. Positions steel precisely in formwork and ties or welds it in position for concrete pour;
6. Stands by during concrete pour to ensure that reinforcing steel does not shift and to remove temporary spacers;
7. Has general knowledge of CRSI Manual of Standard Practice;
8. Adheres to all Company EEO, affirmative action, environment, safety, health, quality, and security programs;
9. 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 indoors/outdoors on uneven terrain up to one mile throughout shift, depending on assignment;
2. Frequent lifting/carrying tools/equipment/metal stock up to 50 pounds; assistive devices available for lifting/carrying up to 100 pounds;
3. Occasional climbing stairs/ladders/scaffolding;
4. Constant bending/twisting at waist/knees/neck while tying off rebar and performing other job functions;

Ironworker

6. Constant kneeling/crouching while performing duties at or near ground level; frequent working in awkward positions and cramped spaces;
7. Constant use of both hands/arms in reaching/handling/grasping/fingering, with frequent overhead reaching required while using tools and equipment necessary in job performance;
8. Constant use of sight abilities in performing duties and in maintaining a safe work environment; visual requirements include hand/eye/foot coordination and visual acuity in near- and mid-range;
9. Constant use of speech/hearing abilities in communicating with coworkers and supervisors.

Mental

1. Constant mental alertness, attention to detail, and accuracy required in maintaining a safe work environment;
2. Must be able to plan/organize work in order to complete all assignments in a timely manner;
3. Must possess good mechanical aptitude and spatial reasoning abilities in order to develop procedures/determine best method to accomplish desired results;
4. Must possess good mathematical skills including fractions, decimals, algebra, and trigonometry in order to do calculations in fabrication work;
5. Must be able to read and understand technical information and standards, manuals, Material Safety Data Sheets, work orders, blueprints, and diagrams;
6. Must be able to read/write/speak English.

WORKING CONDITIONS AND EQUIPMENT USED

Work is performed outdoors in prefab yard or at jobsite exposed to typical Nevada weather conditions.

Tools & Equipment Used: Hand/power tools, welding equipment, mechanical shears, torch-cutting equipment, rebar, and 20 to 30-pound tool belt; safety equipment includes gloves, hard hat, safety shoes, eye/hearing protection, and respirator when required.

REQUIRED TRAINING AND WORK EXPERIENCE

Reinforcing Ironworkers require two years of experience or completion of a recognized apprenticeship program. Structural Ironworkers require three years of experience or completion of a recognized apprenticeship program. When welding is required, must be qualified and be able to demonstrate continued proficiency in accordance with REECo's General Welding Standard WQ-1, as described in the REECo Welding Manual, Volume II.

OTHER SPECIAL QUALIFICATIONS

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