

**2014 IN-DEMAND JOB OPENINGS FOR THE NEVADA MINING INDUSTRY  
PREPARED BY GWIB MINING SECTOR COUNCIL (11/18/2014)**

	<b>High Demand Occupations in Mining</b>	<b>Overview - Entry Level</b>	<b>Annual Projected Openings</b>	<b>Ave. Annual Salary / Interm Level Excluding Bonus and Overtime</b>	<b>Training and Education (minimum qualifications plus desired)</b>	<b>Related Programs Offered at NV Colleges and Universities</b>
<b>1</b>	Electrician & Instrumentation Technician	Responsible for installing, maintaining, and repairing all electrical circuits while ensuring that all electrical work meets MSHA requirements.	86	\$65,000	High School Diploma/GED; Associates Degree in Electrical/Instrumentation preferred.	Electrician or Instrument Tech - Great Basin College
<b>2</b>	Mobile Maintenance (Diesel) Technician	Utilizes training and developed skills to clean, lubricate, adjust, inspect, repair, diagnose, and replace major components, along with air, hydraulic, water, fuel, brake, and low voltage electrical systems on all diesel powered mining and support equipment.	170	\$65,500	High School Diploma/GED; Associates Degree/Diesel Mechanic preferred.	Large Equipment Diesel - Great Basin College, Truckee Meadows Community College, College of Southern Nevada
<b>3</b>	Fixed Maintenance (Millwright) Technician	Responsible for installing, maintaining, and repairing fixed equipment in mining, manufacturing, and processing. Techs work on mechanical drives, hydraulics, pneumatic systems, welding, industrial pumps, piping systems, and conveying.	90	\$66,000	High School Diploma/GED; Associates Degree/ Mechanic preferred.	Millwright Industrial Technology Program - Great Basin College
<b>4</b>	Welding Technician	Use hand-welding or flame-cutting equipment to weld or join metal components or to fill holes, indentations, or seams of fabricated metal products.	28	N/A	High School Diploma/GED; Associates Degree/Welding Certificate preferred.	Basic Welding Skills - Great Basin College, University of Southern Nevada, Western Nevada College, College of Southern Nevada, Truckee Meadows Community College
<b>5</b>	Mine Equipment Operator	Completes pre-operation inspection. Demonstrates knowledge of all components, gauges, switches, and has read operation manual to understand machine. Operates equipment.	302	\$56,000	High School Diploma/GED	

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6	Underground Miner	Operates jack leg; drills, blasts, bolts, mucks, and operates other various equipment.	146	\$61,500	High School Diploma/GED, on the job training or experience helpful.	
7	Process Operator	Assists mechanics with plan repairs. Understanding of pumps, mills, crushers, welding, laser alignment, AVAC, and other process operations helpful.	95	\$56,500	High School Diploma/GED, on the job training or experience helpful, Associates in Industrial Maintenance (Millwright) Technology preferred. Diesel Technology training helpful.	
8	Assay Lab Technicians	Performs sample preparation and data handling. Performs housekeeping and stocking. Complies with state and federal health and safety regulations.	65	\$62,500	High School Diploma/GED, on the job training or experience helpful.	
9	Engineer - Mining, Metallurgical, Geological, Environmental	Ensures the safe and efficient development of mines and other surface and underground operations. The role combines an understanding of the effects of these structures on their surrounding environment, technical knowledge and management skills.	25	Entry \$66,000 Interm \$84,500	Bachelors in Engineering	Masters or Bachelors - University of Nevada Reno, University of Nevada Las Vegas
10	Safety & Health Representatives (includes Industrial Hygiene)	Participates in safety training programs and instruction. Conducts fire equipment and medical equipment training and inspections. Responds to and participates in all on-site emergency response calls and incidents. Investigates safety incidents and maintains appropriate records. Understands applicable MSHA and other regulatory safety requirements.	14	Entry \$67,000 Interm \$84,000	High School Diploma/GED. Associates or Bachelors Degree in Safety or Industrial Hygiene preferred.	

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11	Maintenance Planner	Plans, produces, and monitors compliance of preventative maintenance programs. Creates schedules for all mobile mining and fixed equipment. Minimizes downtime of equipment. Assists in investigation and recommending remedial action for equipment failure and damage.	14	\$84,000	High School Diploma/GED. Maintenance background and/or training helpful.	Great Basin College, Truckee Meadows Community College
12	Surveyor	Performs field surveys as directed. Maintains accurate notes, records, and sketches to describe and certify work performed.	13	\$62,000	High School Diploma/GED, Surveyor Certificate or Degree desired. On the job training.	College of Southern Nevada

\* Source: NvMA HR Committee Compensation and Benefits 2014 Survey Data (weighted average or mean rates).