

## Job Description – MWD R&M Technician

**Job Title:** MWD R&M Technician  
**Department:** MWD  
**Reports to:** MWD R&M Manager  
**Pay Status:** Hourly

**Position Overview:** The MWD R&M Technician works in the shop and is mechanically inclined with the ability to operate machining equipment, and performs the appropriate assessments, processes, and procedures to test and fix MWD tools and supplies.

### Essential Duties and Responsibilities:

- Operate high temperature and electronic systems
- Gather data while exposing circuitry to controlled elevated temperatures in the lab oven, and in vibration fixtures
- Basic skills at operating and interpreting lab equipment such as oscilloscopes, voltmeters, frequency counters and generators
- Basic competencies in troubleshooting existing products and identify failed components with little assistance or supervision
- Clean and maintain MWD field kits, tools, subs and other pre and post job operations and perform inventory control on kit box
- Follow safety policies and procedures at all times
- Ensure the shop space is clean and organized
- Ensure that all equipment is clean and in good working order
- Participate in and/or conduct required meetings, training and development activities
- Performs other related duties as assigned

### Education and Experience:

- A minimal High School Diploma or equivalent
- Experience with various MWD Downhole tools, including Gamma & Directional assemblies
- Experience with EETP & Camber Pulser assemblies
- Experience with MWD Surface systems (KeyDrill)

- Familiar with formal drawings, readings, and interpretation (GDT, Tolerances, etc.)
- Mechanically inclined with ability to operate machining equipment, and perform appropriate tests, processes, and procedures with high commitment to safety and quality priorities
- Computer knowledge including Windows, internet, and Microsoft Office
- Intermediate to advanced analytical and problem-solving skills
- Strong interpersonal and leadership skills
- Ability to work independently
- Strong problem-solving skills
- Have a “quality before quantity” attitude
- Ability to bend, stoop, kneel, twist, and crawl occasionally
- Clear vision to judge near and far distances to maintain awareness of, watch, and report ongoing work activities to coworkers and third parties

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**This job description has been reviewed and approved by:**

Manager \_\_\_\_\_ Date \_\_\_\_\_

HR Manager \_\_\_\_\_ Date \_\_\_\_\_

Employee signature below indicates the employee's acknowledgement and understanding of the requirements, essential functions and duties of the position. The employee also understands that this job description may not be inclusive off all duties of the position and is subject to change at any time.

Employee Name \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_