Engineering Mechanics Corporation of Columbus
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Mr. George Wall
Master Technician

Education

Columbus State Community College, Associate Degree in Metallurgical Engineering Technology
The Ohio State University -Various metallurgy engineering courses
Franklin University - Various business courses.

Numerous short courses both at his former employer (Battelle Memorial Institute) and through technical schools, covering subjects such as Corrosion, Computer Operation, Nondestructive Testing, Powder Metallurgy, Welding, Machining, Powder Metallurgy, and Aluminum Processes

Qualifications

During Mr. Wall's 40 years of work experience, he has worked in multiple scientific disciplines related to materials science and technologies. Among his duties over the years have been:

- Conduct corrosion testing, materials evaluation and failure analysis.
- Operate and maintain a high pressure, high temperature laboratory.
- Operate and set-up Fisher Trove, Gas and steam reformer systems
- Coordinate multi-discipline efforts between departments and outside services to meet project requirements.
- Monitor testing procedures used by outside contractors on site
- Prepare materials for various Air Force programs
- Melting of Ferrous and Nonferrous materials
- Hot and cold rolling of metals
- Design and set-up test systems
- Calibrate monitoring equipment (GC, pressure transducers, Mass flow controllers and flow meters)
- Frequent off site responsibilities (PNNL and Air Force bases)

Experience

Mr. Wall has a wide ranging level of capabilities developed over his long and distinguished career. He has been responsible for operating and maintaining such equipment as:

- High-pressure gas and liquid pumps, test vessels and transfer equipment.

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- Various meters and analytical equipment related to metallurgical and chemical systems.
- Metallographic preparation and evaluation equipment.
- Machine shop (lathe, mill, saws, etc.) Oxyacetylene cutting and hand tools.
- Numerous destructive and nondestructive test apparatus.
- Gas Chromatographs (gc) equipment
- Heat treating equipment (high pressure, vacuum and atmosphere controlled)
- Mechanical test equipment (servo hydraulic elector-mechanical tensile testers, autoclave vessels HIP vessels
- Data acquisition and control systems

Prior Experience

Prior to joining Emc^2, Mr. Wall worked as a Master Technician at the Columbus headquarters of Battelle Memorial Institute in its Metallurgical Engineering and its Advanced Materials Applications Departments for over 35 years.