



JOHN P. SAUER, Continued

1987 to 1991: Herron Testing Laboratories, Inc., Charlotte, NC
Branch Manager

- Responsible for management and operation of branch facilities.
 - ◆ Managed chemical, mechanical testing, non-destructive testing (NDT), and metallurgical areas.
 - ◆ Developed program and capabilities to evaluate aircraft quality alloys, i.e., stress rupture, hot tensile, etc.
 - ◆ Coordinated failure analysis activities providing both in-house and customer based consulting expertise for all aspects of ferrous/non-ferrous metallurgy.
 - ◆ Provided direction and expertise in obtaining quality system audit approval from major nuclear, aerospace and government facilities.
 - ◆ Directed all marketing efforts and customer relations.

1984 to 1987: Duff Norton Company, Charlotte, NC
Laboratory Supervisor

- Management of testing for all product lines and investigations.
 - ◆ Involved in metallurgical failure analysis to replication of actual field service environments.
 - ◆ Managed all testing programs for hoist, actuator and mechanical jack products including prototype/quality control evaluations.

1979 to 1984: Aluminum Company of America, Cleveland, OH
Metallurgist

- Staff liaison between quality and manufacturing departments
 - ◆ Coordinated development of fabrication and testing practices per customer and government specification concerning aluminum aircraft wheels, hand forgings, and commercial die forgings.
 - ◆ Managed all quality aspects of incoming aluminum stock: extruded bars and shapes, ingot and plate.
 - ◆ Developed plant forging and processing practices for various new aluminum powder and elevated temperature alloys.

Organizations

American Society for Materials (ASM) International, Thermal Spray Society (TSS)