

PALL AEROPOWER CORPORATION
JOB POSTING
NEW PORT RICHEY

Title:	Test Engineer		
Grade:	14		
Department:	Qual Test Laboratory		
Reports To:	Qual Lab Manager		

GENERAL RESPONSIBILITY:

- Independently, determines type of test, creates test setup and performs test to challenge the product and determines 'root cause' on field failures by:
- Reviews components and design for hydraulic field efficiency,
- Performs required test to correctly determine the type of load (fatigue, housing stress, axial stress, stress concentration factors, crack propagation etc),
- Prepares exacting technical reports presenting results of test and studies,
- Analyzes components requirements with regard to specifications and standards,
- Designs hydraulics test setups and equipment to appropriately challenge test component using required specifications,
- Responsible for purchasing, calibrating, supporting and operation of electrical and/or mechanical equipment such as oscilloscopes, servo valves, turbine meters, automatic test equipment and etc,
- Assists Design Engineers in developing and testing prototype products,
- Develops annual objectives in concert with department and company goals.
- Develops solutions to a variety of technical problems of moderate scope and complexity following good engineering principles and established PAC's policies, procedures and objectives.
- Works directly with the product support technical writers to finalize test procedures and test reports,
- Train junior personnel in the laboratory.
- Participate in Kaizen and continuous improvement events.

EXPERIENCE:

Ten or more year's experience in a hydraulic test lab preferred.

EDUCATION AND KNOWLEDGE:

- Associate degree in Mechanical Engineering Technology or equivalent is required,
- Has knowledge of principles, theories and concepts, as relate to Test functions.
- Has the ability to develop solutions to routine technical problems of limited scope,
- Has basic understanding of energy concepts involved in fluid dynamics,
- Has basic understanding of ISO Standards, MIL specifications and OTR,
- Has basic knowledge of strength of materials,

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- Has good math skills including geometry and trigonometry,
- Knows how to interpret all related test equipment,
- Has basic computer skills, knowledge of Excel, Lotus Notes and Microsoft word is preferred,
- Good communication skills, oral and written are essential,
- Has the ability to interface with all levels of employees,
- Has the ability to organize, plan, and follow through,
- Has the ability to interpret data and process this information correctly.

PHYSICAL AND MENTAL REQUIREMENTS – applies to all:

Restrictions are limited only by the individual's inability to perform essential job duties and where an unsafe condition would result for the individual or surrounding employees.

Continuous mental and visual attention is required. Diversified operations require constant alertness or activity.

GENERAL STATEMENT – applies to all:

This job description is not all-inclusive, but represents the essential and general job functions. Incumbents are to perform all other job duties as assigned. Refer to PAC's Standard Job Requirements for clarification of employee's responsibility regarding; safety, quality, production, housekeeping, continuous improvement, documentation and training.