

**PALL AEROPOWER CORPORATION  
NEW PORT RICHEY**

Job Title:	<b>Sr. Manufacturing Engineer</b>
Department:	
Reports to:	<b>Lance Lacombe</b>
Shift:	<b>First</b>
Classification:	<b>EXEMPT</b>
Grade/Range Minimum:	

**EDUCATION/PRIOR EXPERIENCE REQUIREMENTS**

Engineering Degree BSME and/or BSIE or equivalent preferred. Additional technical training certificates a plus. A minimum of seven years' experience of hands on production/manufacturing engineering is required. This position requires strong problem solving abilities and a need for multi-tasking. Lean manufacturing expertise and leadership experience required. Working knowledge and hands-on application of lean manufacturing practices required (i.e. – standard work, cellular flow, etc.). Knowledge of bills of material, routings, manufacturing procedures, tooling/fixture design, etc. is required. Must possess good mechanical abilities with excellent design practices. Should be familiar with metal cutting machinery, assembly, small machine/equipment design, and a variety of manufacturing processes. Must be PC literate and have high proficiency in Microsoft Office Applications. Understanding of engineering drawings, as well as specifications.

**GENERAL RESPONSIBILITIES**

Responsible for the methodology of producing product components. Identifying and development of all production, assembly & test processes and procedures. Mfg. Engineer's responsibilities include insurance that products are produced in most economical proficient manner. Ultimate quality characteristics and considerations must be adhered to. MEs are also responsible for supporting hydraulic test troubleshooting evaluation when failures occur or upon customer returned product.

**SPECIFIC RESPONSIBILITIES OR AREAS UNDER INCUMBENTS CONTROL**

Most MEs are assigned to specific product lines. Each must ensure all relative routings, fixtures, tooling, procedures, processes, etc. are appropriately in place for manufacturing. When tooling/fixtures are designed, MEs decipher whether tooling is to be built in-house or sub-contracted out. Either way MEs maintain the responsibility of ensuring cost effective on time procurement. When doing any type of design development MEs must ensure all safety provisions are considered, applied and designed into process. Once new or changed process is initiated, MEs assume the responsibilities for safe operating implementation. This includes written and or oral operating procedures. Proven ability to lead Kaizen teams, facilitate Policy Deployment, and facilitate lean manufacturing training. Must have a demonstrated track record of leading lean manufacturing initiatives including standard work, one piece flow, SMED, kanban, and transactional process improvement. Although mandatory overtime is not exercised, each ME must use own judgment towards working required overtime hours in order to complete assigned project on time per schedule.

**GENERAL INFORMATION**

This job description in no way states or implies that these are the only duties to be performed. This position is required to follow any other instructions and to perform any other duties requested by the supervisor. MEs must possess excellent communicational skills. Their day-to-day job duties reflect some type of production schedule, product process costs, identifying appropriate method of manufacturing, etc. All of which usually requires some type of communications with other supporting departments. MEs must continually increase their familiarity with all aspects of production operations. They must acknowledge that most development ideas come from manufacturing floor, either by understanding current process or listening to production operators.

**PHYSICAL/MENTAL REQUIREMENTS**

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.

- Required Lifting Weight: 40 lbs. Lifting Frequency: Seldom
- Manufacturing Engineers must be able to freely visit production areas. At times M's are required to participate hands-on utilizing tools, equipment, etc. on shop floor in efforts to initiate new or refurbished production equipment, tooling or process.