

Job Title: Engineer – Dynacon, Inc.  
Department: Production – Dynacon, Inc.  
Reports To: Engineering Manager  
Prepared Date: August 5<sup>th</sup>, 2010

#### SUMMARY

Research, plan and design custom-specified systems for Dynacon, Inc. More information about our products and company may be found on our website at [www.dynacon.com](http://www.dynacon.com). There is also available an online application; however, submission of a resume is preferred.

ESSENTIAL DUTIES AND RESPONSIBILITIES working under general supervision:

- Researches and analyzes data, such as customer design proposal, specifications, and manuals to determine feasibility of design or application
- Designs products or systems applying knowledge of engineering principles
- Produce engineering drawings required to prove above designs
- Aid drafting department with producing quality production drawings
- Develops methods and procedures for testing products or systems
- Directs and coordinates fabrication and installation activities to ensure products and systems conform to engineering design and customer specifications
- Field questions from other departments in implementing design
- Perform FEA when necessary to verify complex structural designs
- May evaluate field installation
- May require off-site technical work, both domestic and international

#### QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. **If required, employee must be able to meet requirements for United States Department of Defense security clearance.** Other requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

#### EDUCATION and/or EXPERIENCE

Requires degree, Bachelor of Science in Mechanical Engineering, from four-year accredited college or university in specified field. Requires at least 2-5 years of experience in the field or in a related area or a combination of education and experience. Must have good skills in writing and preparing reports.

#### LANGUAGE SKILLS

Ability to read, understand and formulize documents such as Safety Rules, operating and maintenance instructions, and procedure manuals. Ability to write and present reports and correspondence. Ability to speak effectively with customers, agency representatives or employees of organization.

#### REASONING ABILITY

Ability to define problems, collect data, establish facts, and draw valid conclusions. Ability to interpret an extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variables.

#### PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to use hands and fingers. The employee is required to stand; walk; reach with hands and arms and climb stairs. The employee must frequently sit for long periods at a time. Use of computer and keyboard required. Employee should be physically able to travel off-site as needed. The employee must frequently lift and/or move up to 20 pounds.

#### WORK ENVIRONMENT

Work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee is occasionally exposed to wet and/or humid conditions, cold and heat when walking through shop production areas. If traveling, employee may be exposed to a variety of travel conditions.