



<b>Job Title</b>	Reliability Engineer I, II	<b>Job Code</b>	FS0314, FS0320
<b>Pay Plan</b>	A&P	<b>Pay Grade</b>	19, 20
<b>Union</b>	Non-Union	<b>FLSA Status</b>	Exempt
<b>Job Family</b>	Facilities	<b>Union Code</b>	000
		<b>Subfamily</b>	Engineering

**Job Family & Subfamily Summary**

**Facilities Professionals** plan, design, manage and/or perform activities related to the maintenance, construction and/or installation of facilities, infrastructure and grounds.

**Job Summary**

Focuses on the dependability in the lifecycle management of an asset or product. Deals with the estimation, prevention, and management of an asset or product to function under stated conditions for a specified period.

**Representative Duties**

- 1. Reliability**
  - Develops, coordinates, and conducts technical reliability studies on engineering designs to assess the likelihood that a asset/product performs its intended function over the intended lifecycle.
  - Measures and analyzes the reliability of the design, materials, processes, cost, and final products of production.
  - Recommends design or test methods and statistical process control procedures for achieving required levels of product reliability.
  - Completes risk analysis
  - Undertakes testing and analysis on failures.
  - Proposes changes in design or formulation.
- 2. Data**
  - Gathers and examines basic reliability data from studies or database and correlates the data for analysis.
- 3. Other**
  - Follows company safety and health guidelines and other company policies

## Education, Experience, Skill Requirements

	Required	Preferred
Education Level	Bachelor's	Master's
Certification(s)		
Licensure(s)		
<b>Work Experience</b>		
See Level Addendum below		
<b>Additional Requirements</b>		

## Physical/Environmental Demands

Standard office environment with no unique physical demands

## Level Addendum

*Career levels exhibited in this role are listed below. The extent of representative duties listed above will vary in accordance with level of scope, autonomy, and experience described below.*

### Level I

- 0+ years of relevant work experience
- Work is closely supervised
- Problems faced are not typically difficult or complex
- Explains facts, policies and practices related to job area

### Level II

- 2+ years of relevant work experience
- Works independently with general supervision
- Problems faced are difficult but typically not complex
- May influence others within the job area through explanation of facts, policies and practices

**This general outline illustrates the type of work that characterizes the job. The statements in this job description are not intended to be an exhaustive list of all duties, responsibilities and qualifications required of the job.**