

## Job Description

Title	<b>ENGINEER- MECHANICAL DESIGN (STATIONARY EQUIPMENT &amp; PIPING)</b>	Job Classification Number	<b>A01054</b>
Department /Project	<b>KNPC MAA Mech. Maint.</b>	Job Family Number	
Reports to	<b>Project Manager</b>	Effective Date	01 Oct. 2009

### **1. Operational**

- 1.1.1 Familiar with all equipments in the refinery
- 1.1.2 Able to prepare technical specifications and data sheets in accordance with the Refinery Standards & applicable International Standards and Design Codes.
- 1.1.3 Perform trouble-shooting activities by carrying out engineering detailed studies for any reported mechanical equipment failure.
- 1.1.4 Carry out engineering design details by developing new drawings or modifying the existing drawings.
- 1.1.5 Carry out technical evaluation of vendor's quotations.
- 1.1.6 Stress analysis of piping system, design of supports, spring hangers and expansion joints.

### **2. SKILL LEVEL DESCRIPTION**

#### **2.1 Qualifications**

- 2.1.1 Degree in Mechanical Engineering from recognized University
- 2.1.2 Computer skills in MS office.
- 2.1.3 Minimum 10 Years relevant experience.
- 2.1.4 Must be fluent in reading, writing and speaking English language.

#### **2.2 Supervisory Capability**

- 2.2.1 Have supervisory capability to direct the Services and manage the team.
- 2.2.2 Shall be capable of making quick, sound decisions.
- 2.2.3 Shall be capable of conduct relevant technical studies whenever advised or asked for.

#### **2.3 Communications**

- 2.3.1 Shall be capable of group communication to direct and co-ordinate the related tasks.

## **Job Description**

### **Safety and Quality Responsibilities**

1. Maintain standards of safety and comply with Company's health, Safety and Environment Management System requirements.
2. Take reasonable care of own health and safety and that of others in the workplace.
3. Follow and maintain Company standards of Quality in accordance with Company Quality System requirements.