

**“Two day students industrial safety training visit report
held at RCF Mumbai on 21-23 September 2019”
(Safety Management with plant visit)**

Faculty Co-ordinator-

- 1) **Prof. Haseen Shaikh**
- 2) **Prof. Sharad Valvi**

Stake holder-

T.Y.B.Tech Mechanical engineering students.



Visit Planned at RCF to create awareness for safety and its practices in real world. RCF is a biggest chemical firm which has experienced requirement of safety and consequences they faced during their journey.

RCF have given us vision and direction towards the future of safety practices and their importance in every sector.

This visit is organised specially to our T.Y.B.Tech Mechanical engineering students for partial fulfilment of the mandatory course Health safety and environment.

Rashtriya Chemicals & Fertilizers Limited (RCF), a “Mini-Ratna”, is a leading fertilizers and chemicals manufacturing company with about 75% of its equity held by the Government of India. It has two operating units, one at Trombay in Mumbai and the other at Thal, Raigad district, about 100 KM from Mumbai.

RCF manufactures Urea, Complex Fertilizers, Bio-fertilizers, Micro-nutrients, 100 per cent water soluble fertilizers, soil conditioners and a wide range of Industrial Chemicals. It produces around 25.00 Lakh MT Urea, 4.75 Lakh MT Complex fertilizers and 4.5 Lakh MT of Industrial Chemicals every year. The company is a household name in rural India with brands “Ujjwala” (Urea) and “Suphala” (Complex Fertilizers) which carry a high brand equity. RCF has countrywide marketing network in all major states. Besides fertilizer products, RCF also produces a large number of industrial chemicals that are important for the manufacture of dyes, solvents, leather, pharmaceuticals and a host of other industrial products.

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DAY 1- SESSION 01 [21/09/2019]

Mr. Naik senior safety manager have taken session of following topic;

Introduction to Occupational Safety and Health (OSH):

Need and Significance, Accidents and Their Effects, Theories of Accident, Roles and Professional Certifications for Safety and Health Professionals, Stress and Safety, Safety and Health Training.

Mr. Naik shared importance of Occupational Safety and Health (OSH) in daily lifestyle. Also they have explained seriousness of OSH and its components. He explained about different ISO standards to be followed for safety culture.



DAY 1- SESSION 02 [21/09/2019]

Mr. Patil Safety officer have taken session of following topic;

The Factories Act:

Basics and origin of the act, the inspecting staff, health, safety, disclosure of information, Special provisions

Mr. Patil shared importance of Factories act in in different sectors of different types of Industry. Also they have explained effectiveness of these acts on all industry, nations and individuals.



DAY 2- SESSION 01 [23/09/2019]

Mr. Varma Safety officer have taken session of following topic;

Hazard Assessment, Prevention, and Control:

Mechanical Hazards and Machine Safeguarding, Fire Hazards and Life Safety, Ethics and Safety, Environmental Safety and ISO 14000

Mr. Varma discussed importance of Hazard assessment, prevention and control in different sectors of different types of Industry. Also they have explained effectiveness of these elements on all industry, nations and individuals. Discussed some of accidents case study like Bhopal gas tragedy and etc.



DAY 2- SESSION 02 [23/09/2019]

Mr. Kathayat Safety officer have taken session of following topic;

Establishing A Safety-First Corporate Culture;

Definition, Importance, what a Safety-First culture looks like, steps for establishing a safety-first corporate culture

Mr. Kathayat discussed importance of Safety-First Corporate Culture of different types of Industry. Also they have explained Safety-First Corporate Culture with live case studies and practices to be followed for effective implementation.



Industrial visit to Ammonia plant RCF, Stage I and Stage II

