



Sarvajnik College of Engineering & Technology, Surat

Department of Electrical Engineering

9th February 2017



**A Brief Report on Industrial visit
to Adani (Hazira) Port.**



REPORT ON INDUSTRIAL VISIT AT ADANI PORT LTD.

On **09th February, 2017** department of Electrical engineering of Sarvajanik College of Engineering and Technology arranged an industrial visit at **Adani groups, Hazira.**

There were **54 students** along with **3 professors.**(**Prof.Shabbir Bohra , Prof. Naman Bhatt , Prof. Siddhi Patel.**)

This visit was under the program **UDAAN** held under **Corporate Social Responsibility** (CRS) of Adani Hazira Port Pvt. Ltd. (AHPPL) .The whole program was leaded by **Miss Priyanka** along with the commercial manager where she guided us from snacks to the last jetty.

The main motive of this visit was to let us know how the export-import business works along with the management thereby taken in the big organization. This was a good scope to understand all the measures taken by an organization both on basic level and large scale.

We reached the Adani Hazira port Pvt. Ltd at 11:00am lead by the transport facility provided by the company itself. The port is huge with 6km radius area of its own.

We first went to the seminar hall where briefing about project udaan and basic common analogy used in the port were used along with snacks.

This was followed by the the safety seminar briefing about all the safety tools used and all the safety measures taken during any accidents that might happen.

Last and we did visit all the ports and forms of exports and imports.

INDUSTRIAL PROFILE:

Company Name: AdaniHaziraPort Ltd.

Address: at & post hazira,tal.choriyasi, Surat,

Gujarat. PIN Code: 394270.

Phone: Tel +91 261 2207511,

Homepage: www.info@adani.com

Work profile: Natural gateway for the cargo hubs functioning in the Northern and Western states of India as well as the NCR.

Miss priyanka explained us with all the program Udaan held under CSR along with what exactly is CSR,a video presentation was showcased referring to all the projects and sectors where Adani group is in with first expressing on the adani port business followed by coal importer,power generators, adani oil business, adani transmission ,etc. It conveyed: AdaniHazira Port Pvt. Ltd. (AHPPL) is located on the west side of the Hazira peninsula. AHPPL provides a convenient international trade gateway to Europe, Africa, America and the Middle East. The location provides access to industrial zones in South Gujarat, Maharashtra and Madhya Pradesh.AHPPL will operate all non-LNG facilities in Hazira Port under the terms of the agreement. 5 Berths with handling capacity of 35 MMT have been developed and operated as part of the first phase. AHPPL has commenced operations in first quarter of 2012. Out of the 5 berths, 2 cater to containers, 1 for coal and 2 berths are used as multi-purpose terminal for handling vessels of sizes varying from 80,000 DWT to 150,000 DWT.Adani also has its power plant situated in mundra named as Adani Power Limited. The company is India's largest private power producer, with capacity of 10,440 MWand also it is the largest solar power producer of India with a capacity of 688 MW.With this she explained about CSR:

Corporate social responsibility (CSR) refers to business practices involving initiatives that benefit society. This means taking account of their social, economic and environmental impact, and consideration of human rights.

It can involve a range of activities such as:

- Working in partnership with local communities
- Socially responsible investment (SRI)
- Developing relationships with employees and customers
- Environmental protection and sustainability

. This was followed by explanation on all the general terms used at the port like 1) Jetty: - It is Ship Station where ships arrive and there are total 5 jetty.

2) Vessel: - The shipyard in which goods are import and export.

3) Container: - The goods which are to be exported or imported are known as container

4) Tug: - The small ships which help to halt the big vessels are known as tugs, almost 3 tugs are required to halt one vessel.

And the types of transport held such as

Container terminal: - In this terminal all types of powder are kept

Dry Cargo: - All types of rocks are kept in dry cargo

Liquid: - All chemical are kept in Liquid container

From there we were taken to Operating centre where we were shown how the port is controlled.

The communication with different ports and tracking of all the jetty is handled from that place. Only with their permission a vessel is loaded ,carried, and unloaded. They track all the moments of all the activity held in the port. From there we came to know about the safety

Adani is certified as **OHSAS-18001, ISO-14001 and ISO-9001**, where

OHSAS – is organization for safety

ISO-14001- is for environment safety

ISO-9001 – is for standard quality

Then we were taken to see all different equipment of safety such as various types of gloves, ropes, fire extinguisher ,tapes, and most importantly they told about the 4 main points that is to be reached in case of any emergency or any accidents took place . They then provided us Lunch which was delicious. After that our main port visit started. We were not allowed to walk, so we were riding in bus. Firstly we entered into the liquid terminal, there are total 169 tanks having chemicals like benzene , sulphuric acid .She even gave us Knowledge that there cannot be change of liquid in any of the tanks else chemicals can explodes. The tank are kept at low temperature so that chemicals doesn't get explodes. For lower temperature water are sprinkled on the tank 2-3 times by the workers. After that we reached dry terminal, where we saw so many mountains of coal. There are total 4 types of coal that they import and export. The area is been surrounded through red pipe as during summer, coal catches fire so the worker sprinkles water which comes through red pipe. The coal is collected through the conveyer belt. She explained that every second is very important if the vessel doesn't reach the place they are send on time then certain amount has to be paid, management is very high. The port is not on shore

it's in the sea. After completion of the visit we were given the feedback form and then we went back to college. Thank you so much for this wonderful intellectual visit.

Glimpse of the visit

