

INDUSTRIAL VISIT REPORT

A.A.Cold Storage and Ice Factory Pvt. Ltd.

D-395, M.I.D.C. Ind. Estate, Next to Indian Oil Terminal, Village Kukshet, Turbhe, Navi Mumbai - 400705

Submitted By

Prof. Rahul Thavai

As a part of Termwork for course

HEAT, VENTILATION, AIR CONDITIONING & REFRIGERATION(MEL603)

(T.E SEM VI R2019 C Scheme)

In

BACHELOR OF MECHANICAL ENGINEERING



**ANJUMAN-I-ISLAM'S
KALSEKAR TECHNICAL CAMPUS
SCHOOL OF ENGINEERING & TECHNOLOGY**

UNIVERSITY OF MUMBAI

2023-24

Objectives

- (i) Demonstrate fundamental principles of HVAC&R.
- (ii) Identify & Locate various components of HVAC&R system.
- (iii) Explore the real time operation & execution of cold storage plants.

About Visit

As part of Termwork for Lab course HVAC&R, Industrial Visit for students of TEME was scheduled on Wednesday, 06 March 2024 at A.A.Cold Storage and Ice Factory Pvt. Ltd. Students were asked to report directly at D-395, M.I.D.C. Ind. Estate, Next to Indian Oil Terminal, Village Kukshet, Turbhe, Navi Mumbai - 400705 at 10.15 am. Prof. Saad Shaikh, Mr. Ansar Shaikh & Mr. Faiyaz Khan accompanied students for a visit.

Details of Visit

Company is in the cold storage business since over 2 decades. Storage capacity is about 8500 metric tones at temperatures varying from 0 to 10 Celsius. Dry Storage facilities are also available in same premises. Unit is established over 5800 sq. meters of area, allocated by the MIDC under permanent R.C.C. structure R.C.C. roof, which facilitates easy loading and unloading of goods even under extreme climatic conditions. Sufficient floor space area facilitates easy movement. There doors have state of the art locking systems and sufficient light points along with uninterrupted electricity supply. The inventory management system is fully computerized providing updates for goods stored i.e. date of arrival and dispatch, nature of goods, quantity, packing, balance, location etc. Round the clock services and availability of labor at any given point in time enable us to meet the customer requirement promptly. Digital temperature display adds to the transparency of our service. Separate rooms for specialty items like vaccines, processed films and fruits with independent temperature control are also provided. The cold storage can accommodate more than ten containers and trucks of various sizes for simultaneous loading and unloading exercise.





Prepared By

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Course Owner

Reviewed & Approved by

Kazi

Prof. Javed Kazi

I/c HoD, Mech Engg.