



MECHANICAL ENGINEERING DEPARTMENT

A Report on Industrial Visit at

“ Surat District Co-operative Milk Producers' Union Ltd (SUMUL), Surat”

OBJECTIVES OF INDUSTRIAL VISIT:

- The main objective behind this, it lets student to know things practically through interaction, working methods and actual practical work knowledge. Moreover, it gives exposure from academic point of view. Main **aim industrial visit** is to provide an exposure to students about theory and practical work interaction as well as actual difference between theoretical diagram of object and actual working model process rather than ideal one.

INDUSTRY DETAIL:

1. **NAME OF INDUSTRY:- Surat District Co-operative Milk Producers' Union Ltd (SUMUL)**
2. **ADRESS :- SURAT**
3. **DATE OF VISIT:- 18 /01/2020**
4. **YEAR / SEMESTER:- 3rd Year/6th Sem**
5. **NO. OF STUDENTS:- 78**
6. **NO. OF FACULTIES:- 2**

OUTCOME OF VISIT:

The students got the opportunity to learn about different layout and process which undergoes the SUMUL Dairy Plant.

In addition, Students had visited various section of dairy like Manufacturing section, process section, refrigeration section, Boiler section.

In the Visit, students learned about the working and processing of vapour compression refrigeration system, boiler, and fully automated process plan, AGVs, Material handling system. Then a whole grid system containing generators, transformers, electricity transfer cables were observed.

PARTICIPANT DETAILS: ANNEXURE – I

VISIT PHOTOGRAPHS: ANNEXURE II



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ANNEXURE – I PARTICIPANTS DETAILS

S.N.PATEL INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE,UMRAKH			
MECHANICAL ENGINEERING DEPARTMENT			
3RD YEAR SEM 6			
Sumul Dairy industrial visit			
Date:18/01/2020		Time:9:15 am	
SR NO	PEN	NAME	SIGN
1	120490119115	PATEL SMIT ATULBHAI	
2	130490119014	CHAUDHARI PRATIKBHAI RAJENDRABHAI	
3	140490119002	AHIR RISHABH JAGDISHBHAI	
4	140490119077	PATEL HARSHKUMAR RAJESHBHAI	
5	140490119087	PATEL PARTH RAMESHCHANDRA	
6	140490119094	PATEL ROHITKUMAR	
7	150490119013	CHAUDHARI MITULKUMAR AJITBHAI	
8	150490119035	KHANIYA ANAND	
9	150490119073	PATEL NIRMALKUMAR HARSHADBHAI	
10	160490119013	CHAUDHARI RAVICHANDRA BHIKHUBHAI	
11	160490119056	RATHOD YAGNESHKUMAR BHIKHUBHAI	
12	160490119067	VARTAK BHAVIK GYANDEV	
13	170490119001	AHIR PINAL GUNVATBHAI	(B)uller
14	170490119002	ASTI HARSH DIPAK	Princel
15	170490119005	CHAUDHARI HARSHITKUMAR ARJUNBHAI	Hush Ashi
16	170490119006	CHAUDHARI MILAN JAYESHBHAI	Princel
17	170490119007	CHAUDHARI OHANGKUMAR GANESHBHAI	Princel
18	170490119008	CHAUDHARI PRANAVKUMAR SATISHBHAI	S. a. chavhan
19	170490119010	CHAUDHARI RUTVIJ BHUPENDRA	Princel
20	170490119011	CHAUDHARI SAGARKUMAR RAJENDRAKUMAR	
21	170490119012	CHAUDHARI TEJAS NANSINGBHAI	
22	170490119013	CHAUDHARI VIJUBHAI GACHHABHAI	
23	170490119014	CHAUHAN ANKUR BABUBHAI	(V)glaudhasi
24	170490119020	DESHMUKH MAYUR ANILBHAI	
25	170490119021	GAMIT ASHISH ANILBHAI	
26	170490119022	GAMIT HEMALKUMAR RANCHHODBHAI	
27	170490119023	GAMIT JAYMEET JITENDRABHAI	H. R. Gamit
28	170490119024	GAMIT PRANAVKUMAR JAYANTIBHAI	Gamit J.
29	170490119026	GAMIT SANDIP BHARATBHAI	Gamit
30	170490119028	GAMIT VISHWA DIPAKBHAI	S. P. Gamit
31	170490119030	GAVIT TEJAL AJIT	Vib
32	170490119032	GOND ABHAYCHANDRA SHUBHASHCHANDRA	Tejal
33	170490119035	KHAIRNAR PRAKASH GYANESHVAR	Princel
34	170490119036	KHARVE TUSHAR RATHNAKAR	Princel
35	170490119037	LAD HARSHILKUMAR NITINBHAI	Princel
36	170490119038	LAD HARSHKUMAR NARESHBHAI	Princel
37	170490119039	MAHYAVANSHI MOHINI DILIPBHAI	Princel
38	170490119040	MAISURIYA MEET DHARMESHBHAI	Princel
39	170490119041	MAISURIYA SHIVANGBHAI MANOJBHAI	Princel
40	170490119042	MATURKAR PRIYESH DINESHBHAI	Princel
41	170490119045	PATEL ANANT SHAILESHBHAI	
42	170490119046	PATEL AVNIK VIPULBHAI	
43	170490119047	PATEL DIVYESHKUMAR DHANSUKHBHAI	
44	170490119049	PATEL HARSHKUMAR SURESHBHAI	
45	170490119053	PATEL PRATIKBHAI RAJESHBHAI	H. S. Patel
46	170490119054	PATEL PRINCEKUMAR MAHESHBHAI	P. P. Patel Princel



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47	170490119056	PATEL VIMALKUMAR ARAVINDBAHI	V.A. Patel
48	170490119057	PATEL VISHALKUMAR RAJUBHAI	V. Patel
49	170490119058	PATHAN SHAHIDKHAN SOHELKHAN	S. Pathan
50	170490119059	PATRAWALA HASAN JUZER	H. Patrawala
51	170490119060	PIPALIYA HEMIL MANSUKHBHAI	H. M. Palaliya
52	170490119061	PRAJAPATI VIKASH HIRALAL	V. Prajapati
53	170490119062	RAJWADI ROSHAN PARESH	R. Rajwadi
54	170490119063	RANA DHARMESH HIRABHAI	D. Rana
55	170490119064	RANA HARSHIL BHARATBHAI	H. Rana
56	170490119065	RANA KARAN KANCHANBHAI	Karan, K. Rana
57	170490119066	RANA VALAY MUKESHBHAI	V. M. Rana
58	170490119067	RATHOD ANKIT ARUNBHAI	
59	170490119069	RAUL HARPALSINH JAYPALSINH	H. J. Raul
60	170490119070	SAIYAD FAIZAN MOHMMADIBRAHIM	F. M. Saiyad
61	170490119071	SAKHIYA KISHANKUMAR NARESHBHAI	K. Sakhiya
62	170490119072	SAVALE TUSHAR SHARADBHAI	T. Savale
63	170490119074	SHAH PRASHANT DHARMESH	P. D. Shah
64	170490119076	SHEKHAWAT MANISH MEGHSINGH	
65	170490119078	SINGH RAJNISHKUMAR HARENDRA	
66	170490119079	SINGH TARKESHWARNATH UMESH	
67	170490119080	SONVANE HITESH SUNILBHAI	Hitesh, S. S.
68	170490119085	VORA HARDIKKUMAR KANTILAL	H. K. Vora
69	170493119049	PATEL KAMALKUMAR ARVINDBHAI	
70	170494119001	VALVI SUSHILBHAI UDESINGBHAI	
71	New student	Desai Jayraj	
72	180493119001	Amrutkar Sandip Vijay	S. Amrutkar
73	180493119002	Borad Nirmal Maheshbhai	N. Borad
74	180493119003	Chaudhari Himanshukumar Vi-ybhai	H. Chaudhari
75	180493119004	Chaudhari Krunal Sukhabhai	K. Chaudhari
76	180493119006	Chaudhari Nisheetkumar Vijaybhai	N. Chaudhari
77	180493119009	Chaudhari Yogeshbhai Ishvarbhai	Y. Chaudhari
78	180493119010	Chaudhari Zinalkumar Narendrabhai	Z. Chaudhari
79	180493119011	Chaudhari Bhaveshbhai Mahendrabhai	B. M. Chaudhari
80	180493119012	Gamit Akashkumar Pragneshbhai	A. P. G.
81	180493119013	Gamit Akeshkumar Darjitbhai	A. Gamit
82	180493119014	Gamit Ankit Jignesh	A. Gamit
83	180493119015	Gamit Harishkumar Jagdishbhai	H. Gamit
84	180493119016	Gamit Jigarbhai Jagubhai	J. i. Gamit
85	180493119017	Gamit Nikhil Mansukhbhai	N. Gamit
86	180493119018	Gamit Pareshkumar Rajeshbhai	P. Gamit
87	180493119022	Jadav Nilaybhai Dilipbhai	N. Jadav
88	180493119023	Jadav Vinayakkumar Dattatreya	V. Jadav
89	180493119026	Luhar Yash Santoshbhai	Y. Luhar
90	180493119027	Machhi Akshaykumar Bhagubhai	A. Machhi
91	180493119028	Mahyavanshi Ayush Rameshbhai	A. Mahyavanshi
92	180493119029	Mistry Arpan Shashikantbhai	A. Mistry
93	180493119030	Mistry Ashish Shashikantbhai	A. Mistry
94	180493119031	Nayka Bhavesh Kiranbhai	B. K. Nayka
95	180493119032	Parmar Hemsighn Kanhaiyalal	H. Parmar
96	180493119033	Parmar Prashantsinh Yogendrasinh	P. Parmar
97	180493119035	Patel Devendra Balubhai	D. Patel
98	180493119036	Patel Jayendrabhai Sajanbhai	Patel J. S.



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99	180493119038	Patel Milinkumar Dipakbhai	M. d Patel
100	180493119040	Patel Rinkesh Mukundbhai	Rinkesh
101	180493119041	Patel Ronak Arunbhai	Patel R. A.
102	180493119042	Patel Rupeshkumar Dineshbhai	
103	180493119043	Pathan Faizan M	m. m. Pathan
104	180493119044	Pathan Nomankhan Nasrullakhan	Nomankhan
105	180493119045	Patil Arjun Ravindra	Arjun
106	180493119046	Patil Keyur Rakeshbhai	Keyur
107	180493119047	Pawar Mehulkumar Surendrabhai	
108	180493119048	Rathva Jasvant Bhavsingh	J. B. Rathva
109	180493119049	Rathva Kalpesh Ramesh	Kalpesh
110	180493119050	Sahu Subhaschandra Champaklal	Subhas
111	180493119051	Sawant Nilesh Laxmanbhai	
112	180493119052	Shah Omprakash Ashok	Omprakash
113	180493119055	Trivedi Atharva Nileshbhai	Atharva
114	180493119057	Vasava Rajubhai Sutabhai	
115	180493119058	Yadav Subhashkumar Rajendrakumar	Subhash

Desai Jayraj. m

J. M. Desai



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ANNEXURE II-PHOTOGRAPHS





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