

Amrutvahini College of Engineering, Sangamner
Department of Civil Engineering

List of Check points of total Documents for Industrial Visit

Sr. No.	Particulars	✓
1.	Invitation Letter/e-mail sent to company	✓
2.	IV Confirmation letter/e-mail from Company	✓
3.	Permission Letter of Principal through HOD	✓
4.	Students Undertaking with mobile number & Signature (Mark College Stamp on each page)	✓
5.	List of students enrolled for Industrial Visit with details of visit (Mark College Stamp on each page)	✓
6.	Girls Hostel Permission (Mark College Stamp on each page)	—
7.	Rules for Industrial Visit (Mark College Seal on each page up to Sr. No. 6 only)	✓
8.	RTO permission (For College Bus Only)	—
9.	Industrial Visit Completion letter	—
10.	02 Industrial Visit Report by students per company	✓ <i>not submitted</i>
11.	01 Industrial Visit Report by staff per company	<i>Not submitted.</i>
12.	04 to 05 Industry visit photo mail to HOD & TPO (hod.civil@avcoe.org and tpo@avcoe.org)	
13.	Thanks mail/letter send to company	

- Take out the two Xerox copies of all Sign pages.
- One Xerox copy must be submitted to Head of the Department & another Xerox copy at the Security Office before leaving the campus.


Faculty In charge
Subject Teacher

V R Rahane


Class Teacher
BE (A&B)


IV Coordinator


HOD
CIVIL

Ref: AE/CE/2022-23/

Date: 04/11/2022

To,
The Principal,
Amrutvahini College of Engg.
Sangamner.

Through: The Head, Civil Engineering Department.

Sub: Permission for Industrial Visit for BE Civil Engineering (Div.-A & B) Students to
SMBST Sugar Industry on 05/11/2022

Sir,

As a part of curriculum, our BE Civil (Div.-A & B) Engineering Students wish to visit industry to observe and to study manufacturing processes and mechanisms, which are entitled in their syllabus. It is very essential to have actual observation to understand the manufacturing process and mechanisms.

As per above mentioned subject, I have finalize the industrial visit and attach the necessary details of Industrial visit.

Total Number of Students = 8

It will be very kind of you, if you permit students along with staff members for one day visit.

Kindly permit us according to convenience.

Looking forward for your kind co-operation, help and support.

Thanking you,

Yours faithfully,


Prof. V. R. Rahane
Faculty In charge

Encl: List of students, List of Faculty members, Place to visit, Schedule of the visit. Company
Permission Letter

Department of Civil Engineering
List of students enrolled for Industrial Visit

Undertaking

We the undersigned students of B.E. Civil are here by giving the undertaking that we are going for one day industrial visit to SMBST, Sahakari Sakhar Karkhana, Amrutnagar, Sangamner Nashik on 5th November 2022. In case of any accident or any miss happening takes place during visit then we solely will be responsible for the same. We all will take care of ourselves & our friends/classmates. Staff member, faculty & college authorities will not be responsible for the same.

Sr. No.	Roll No.	Name of Student	Personal Contact Number	Parents Contact Number	Sign
1.	4112	Bedre Vrushali	9766869028	Bedre	
2.	4113	Bhagwan Sankar	9503913428	Sanket B.	
3.	4121	Chabukswar Rajnandini	9359670512	Rajnandini	
4.	4122	Chaudhari Akshay	9284849466	Acharya	
5.	4124	Chavhan Suresh	9096509009	Shivam	
6.	4131	Dhamane Vaishnavi	9011453914	Vaishnavi Dhamane	
7.	4136	Dighe Anjali	8999318274	Anjali	
8.	4140	Gadakh Shrushti	8381089823	Shrushti Gadakh	
9.	4141	Gadekar Divya	8329692952	Divya	
10.	4142	Gaikwad Priyanka	8080047573	Priyanka G.	
11.	4146	Gadgaonkar Ratna	7887947621	Ratna	
12.	4150	Grohe Chaitali	7796408183	Chaitali G.	
13.	4156	Hase Shubham	7220923738	Shubham Hase	
14.	4158	Jadhav Rajashree	7720923738	Rajashree J.	
15.	4160	Jagtap Meenasi	7620363233	Meenasi	
16.	4164	Kadam Pradnya	9588048768	Pradnya	
17.	4176	Kopale Rushar	7448149426	Rushar Kopale	
18.	4177	Khule Rugved	7447815005	Rugved Khule	
19.	4181	Ashwini Rushikesh	7447299629	Ashwini R.	
20.	4201	Jadhav Mayur	7447299629	Mayur	
21.	02	Jambhakar Prerana	7357040246	Prerana	
22.	03	Lahange Rushar	7249879309	Rushar Lahange	
23.	08	Lavange Pratik	7218002321	Pratik	
24.	10	Lashkar Sachin	7038784952	Sachin	
25.	11	Lele Omkar	6006500366	Omkar	
26.	12	Lokhande Aniket	8381098227	Aniket	
27.	13	Mahajan Rushikesh	7038780724	Rushikesh Mahajan	
28.	14	Ashraf Malik	9112447268	Malik	
29.	15	Mandlik Kshitij	7821071246	Kshitij	
30.	16	Meher Pratiksha	9970510945	Pratiksha	
31.	17	Mhase Shrikant	8975506188	Shrikant Mhase	
32.	19	Mulay Savagita	9172096082	Savagita	
33.	09	Lavange Pratik	8208495678	Pratik	
34.	23	Nawale Snehal	930251210	Snehal	

35.	4226	Newaskar Vaibhavi	7823804949	Vaibhavi	
36.	27	Nile Diksha	9730853241	Diksha	
37.	28	Nimse Abhav	7827696950	Abhav	
38.	30	Nimbhavane Aishwarya	8308900860	Aishwarya	
39.	36	Palande Jyoti	8050926748	Jyoti	
40.	38	Palave Yogesh	937377743	Yogesh	
41.	33	Pawar Arishkar	8080025872	Arishkar	
42.	35	Pawar Shubham	9325012502	Shubham	
43.	37	Pawase Omkar	7620370857	Omkar	
44.	38	Pawase Prachi	9302568507	Prachi	
45.	39	Pawase Saurabh	7620784303	Saurabh	
46.	41	Pawase Shrutika	8330579577	Shrutika	
47.	42	Phad Saurabh	9767411062	Saurabh	
48.	44	Punale Ravi	9373325898	Ravi	
49.	45	Rahatal Prathema	8888474343	Prathema	
50.					
51.					
52.					
53.					
54.					

List of Faculty members:

Sr. No.	Name of Faculty members:	Contact No.
1.	Prof. Vikas R. Rahane	8208248173
2.		
3.		
4.		

Total Strength of Student:

Total no. of Boys: 25

Total no. of Girls: 24


Faculty In charge
Subject Teacher

Prof. V.R. Rahane


Class Teacher
BE (A)


IV Coordinator


HOD
Civil

Amrutvahini College of Engineering, Sangamner
Department of Civil Engineering
List of students enrolled for Industrial Visit

Sr. No.	Roll No.	Name of Student	Personal Contact Number	Parents Contact Number	Student Sign
1.					
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List of Faculty members:

Sr. No.	Name of Faculty members:	Contact No.
1.	Prof. V.R. Rabane	8208248123
2.		
3.		
4.		

Total Strength of Student:

Total no. of Boys: 25

Total no. of Girls: 24


Faculty In charge
Subject Teacher
 Prof. V.R. Rabane


Class Teacher
 BE (A&B)


IV Coordinator


HOD
CIVIL

Places to visit:

Places of Visit

INDUSTRIES-

- 1) SMBST Sahakari Sakhar Karkhana, Sangamner

2)

Estimated Cost:

Tour Cost includes: - Nil

- 1) BUS: - (e. g. For surface journey we normally use 2 X 2 or 3 X 2 Semi Luxury coaches which are in best of condition and from the best of transport operator.)
- 2) HOTEL: - Nil
- 3) FOOD: - Nil
- 4) ESCORTS (with mobile no's): - Nil
- 5) CULTURAL VISITS: - Nil
- 6) EXPERIENTIAL LEARNING: - Nil
- 7) MISCELLANEOUS :- Nil

Total estimated cost per student = 1+2+3+4+5+6+7 = Rs. 00 /Student

Schedule of Visit:

- Vehicle Number: NA Driver Name with Contact No: NA
- Route of Journey: NA

Emergency Contact Number

- i) Nearest Police Station: -
- ii) Nearest Hospital: -
- iii) Nearest Fire Fighting Department: -
- iv) SP of the area: -

Day 1:

1. Time of departure: 2.00 PM on 25/11/2022

n) Arrival time at college:

4.30 PM on 25/11/2022

Faculty In charge
Subject Teacher

Class Teacher
BE (A&B)

IV Coordinator

HOD
CIVIL

Industrial Visit Completion Certificate

To
The Principal,
Amrutvahini College of Engg.
Sangamner, Ahmednagar.

09 / 11/2022__

Sub: Industrial Visit

Sir,

We wish to inform you that total 63 number of students of BE Civil class of Civil Engineering from your college have visited our plant on 05/11/ 2022 at 2.00 pm on account of industrial visit.

We have shared all the required information to the students and they had a plant round after a brief interaction.

During the visit, all the students have shown great discipline and decency in their approach.

Thanking You.


Yours faithfully

Rules for Industrial Visit

1. Industrial Visit of the concerned class must be arranged as per the academic calendar. In case of deviation from the schedule and overlapping of the dates, visit can be arranged with other class only after mutual understanding with concerned department / faculty.
2. Separate visit should be arranged for each division and at separate places. (For ex. Visit of SE Civil A and Visit of SE Civil B should be arranged separately and at different places.)
3. No cultural and tourist places should be included in technical visit.
4. One gents faculty, one lady faculty and one technical assistant should accompany the visit.
5. College buses must be used for technical visit
6. First aid kit should be carry with the visit.
7. Before visit the following documents should be submitted to the departmental IV Coordinator,
 - i) Permission letter of industry to be visited
 - ii) HOD permission letter and Principal permission letter
 - iii) Common undertaking from students of concerned class
 - iv) Undertaking form of students & Parents of each student
8. After visit the following documents should be submitted to the departmental IV Coordinator,
 - i) One visit report by faculty
 - ii) Minimum 02 visit reports from students.
 - iii) Sign and stamp of the industry visited on the permission letter.
 - iv) RTO Permission form
 - v) Bus payment receipt
9. Photograph of technical visit should be displayed on the notice board of the concerned class.
10. Budget of the technical visit including amount collected, all expenditures and balance (if any) should be displayed on the notice board of the concerned class within two day after Industrial Visit
11. Photograph of Industrial visit must be submitted in soft form (in CD). On top of CD mentioned the following things
 - i) Class, Division and number of students
 - ii) Date of Industrial Visit
 - iii) Pace of Industrial Visit
 - iv) Academic Year with Semester

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

INDUSTRY VISIT REPORT

Correspondence through Email / Letter No: Telephonic Talk Date: 04/11/2022

Response through Email /Letter No: Telephonic Talk Date: 04/11/2022

Name of Faculty: 1. Prof. Vikas R. Rahane Department: Civil Engineering

Visit for Class: B.E. Civil A & B Div. Branch: Civil Engineering Date: 05/11/2022

Name & Address of Industry Visited: SMBT, Sahakari Sakhar Karkhana, Amrutnagar,
Ghulewadi, Tal- Sangamner

Name of Industry Person: Mr. Jagannath Ghugarkar

Designation: Managing Director

Contact No: 02425-225370

1. Introduction about the Company? (Brief about Type of company, Production, Departments, Policies etc)

The Visit of Final Year civil engineering students was scheduled on 5th November 2022 at Sahakar Maharshi Bhausaheb Santuji Thorat Sahakari Sakhar Karkhana, Amrutnagar, Sangamner along with Prof. Vikas Rahane sir. It's Cooperative sugar industry which is one of the esteemed Sugar industries in Maharashtra, It is well known for its efficiency and very transparency in its work as well as management. The capacity of the plant is @ 7000 metric tonnes for daily crushing. It is located near Nashik Pune Highway about 6 kms away from Sangamner city. The Permission was Granted by Mr. Ghugarkar Saheb M.D. Of Factory to visit in Factory.

2. Journey Begins.....? (From AVCOE to INDUSTRY VISIT to AVCOE)

The Journey of Visit was very Short but Sweet, AS its vey near to College all students were carried to the destination by walking only. During Journey Students have studied about the Manging greenery surrounding to the Industrial Area, Also Waste water Carriage to treatment Plant. And After Visit the same route was followed to reach to college

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

3. How was the Approach towards Practical Knowledge?

The visit was very much knowledgeable to students got practical knowledge of operation and process on site. The actual working of plant was observed by students have given very good impact to students about the control mechanism.

4. What are benefits to students from Industrial Visit?

1. Academic ☒

2. Projects ☒

3. Research ☐

4. Consultancy ☐

5. Training ☐

5. Students Opinion about the Industrial Visit?

1. Satisfied ☒

2. Not Satisfied ☐

6. Whether Company is ready to help for College?

1. Industrial Visit ☒

2. Expert Lecture ☐

3. Training ☐

4. Employment ☐

5. Sponsorship Projects ☐

6. Workshop/Seminar ☐

7. How could the visit be improved?

More visits should be arranged for different types of industries as they follow different control techniques and methods will more enlighten the ideas of control of air pollution.

8. Things to follow up for the next industrial visit?

Will try to visit more numbers of different industries which are following different and efficient methods of efficient control of Air Pollution.


(Name & Signature of Faculty)

(Name & Signature of Industrial Visit Coordinator)

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

INDUSTRY VISIT REPORT

Name of Student: _ Miss. Vrushali Pradip Bedre Class: _B.E. , Branch: Civil Engineering

Name of Industry Visited: SMBT, Sahakari Sakhar Karkhana, Sangamner , Date: 05/11/2022

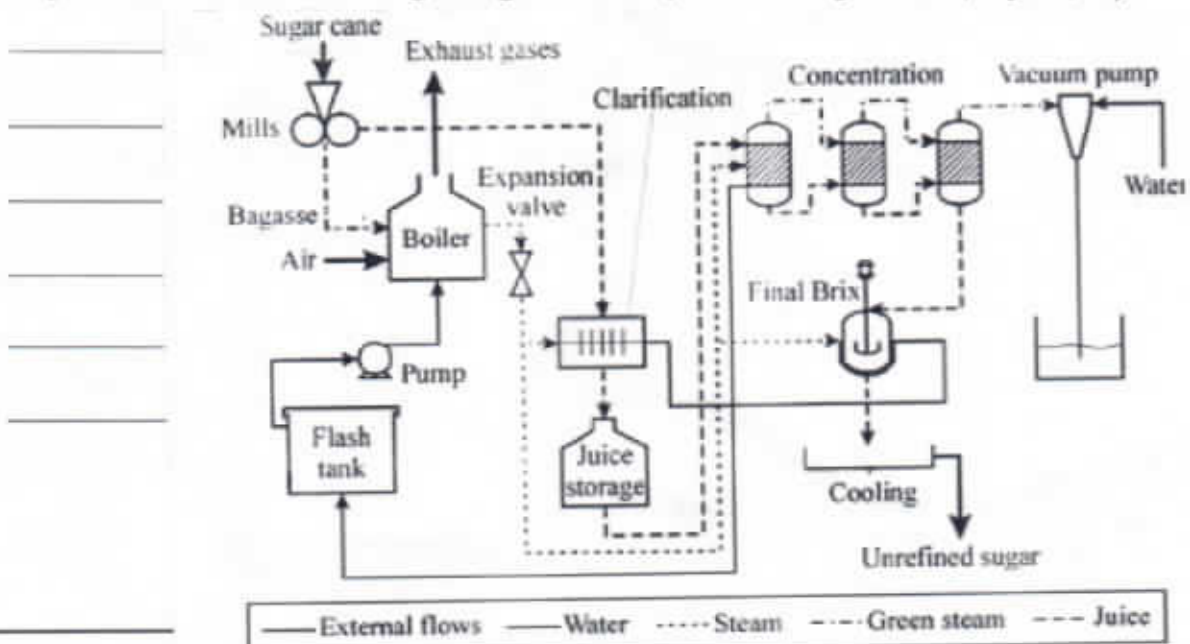
1. Aims and objectives of the Visit?

- To understand the process
- To experience chemistry at work
- To become aware of the role of different people in an organization
- To become aware of career opportunities
- To recognize the need for health and safety in the workplace
- To focus on specific aspects of the studies

2. Brief about the Industry Profile? (Company Type, Product, Services, Plants& Locations, Management etc.)

Our Visit of Final Year civil engineering students was scheduled on 5th November 2022 at Sahakar Maharshi Bhausaheb Santuji Thorat Sahakari Sakhar Karkhana, Amrutnagar, Sangamner along with Prof. Vikas Rahane sir. It's Cooperative sugar industry which is one of the esteemed Sugar industries in Maharashtra, It is well known for its efficiency and very transparency in its work as well as management. The capacity of the plant is @ 7000 metric tonnes for daily crushing. It is located near Nashik Pune Highway about 6 kms away from Sangamner city

3. Explore the Processes running in organization? (Manufacturing Processes, Layouts, etc)



AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

4. Machines & Equipments, Tools Used?

1. Unloading Mechanisms and machineries for Sugar Cane from Carriers.
2. Crushing of Sugar cane and Extraction of Juice from sugar cane.
3. Filtering of sugar cane juice
4. Heating and boiling of Juice
5. Extraction of molasses from heated sugarcane juice
6. Crystallization of sugar from juice
7. Whitening of Sugar
8. Screening and separation of sugar by Grades and stack in silos
9. Packaging of sugar in bags.
10. Burning of Bagasse in boiler to generate energy.
11. Control of Air pollution mechanism.

5. What are the Finding during visit?

We students have studied about Air pollution sources, Emission through stack as well as the health effects of pollution on Human beings, plants, Animals and property so to control the emission of air pollutants generated through different operations and processes of an Industry we have visited SMT Sugar Factory.

Here the major source of pollution was Burning of Bagasse in Boilers for generation of steam to create energy for running industry. The Burning of bagasse was generating lots of Particulate matters, Smoke, Carbon Particles, CO_2 , SO_2 and NO_2 , which was Controlled by Wet Scrubbing and Cyclone Scrubbing to attain removal of Pollutants from emission through stack. The standards of emission of pollutions are achieved by the industry in well manner.

6. Conclusion and recommendations for the Visit?

The Visit was planned to attain curriculum of SPPU syllabus of Air Pollution and Control subject to study air pollution sources, emission and control mechanisms of pollution at source to avoid health and wealth effects on livings. The distance of visit was very near to our institute, but was knowledgeable to all. As the Person allotted to visit from Sugar Industry, Mr. Jadhav Saheb introduced us very well about different processes of Sugar manufacturing, Air Pollution control techniques and Processes very well. The overall visit was very Good



(Name & Signature of Student)

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

INDUSTRY VISIT REPORT

Name of Student: _ Miss. Gadakh Shrushti Class: _B.E. , Branch: Civil Engineering

Name of Industry Visited: SMBT, Sahakari Sakhar Karkhana, Sangamner , Date: 05/11/2022

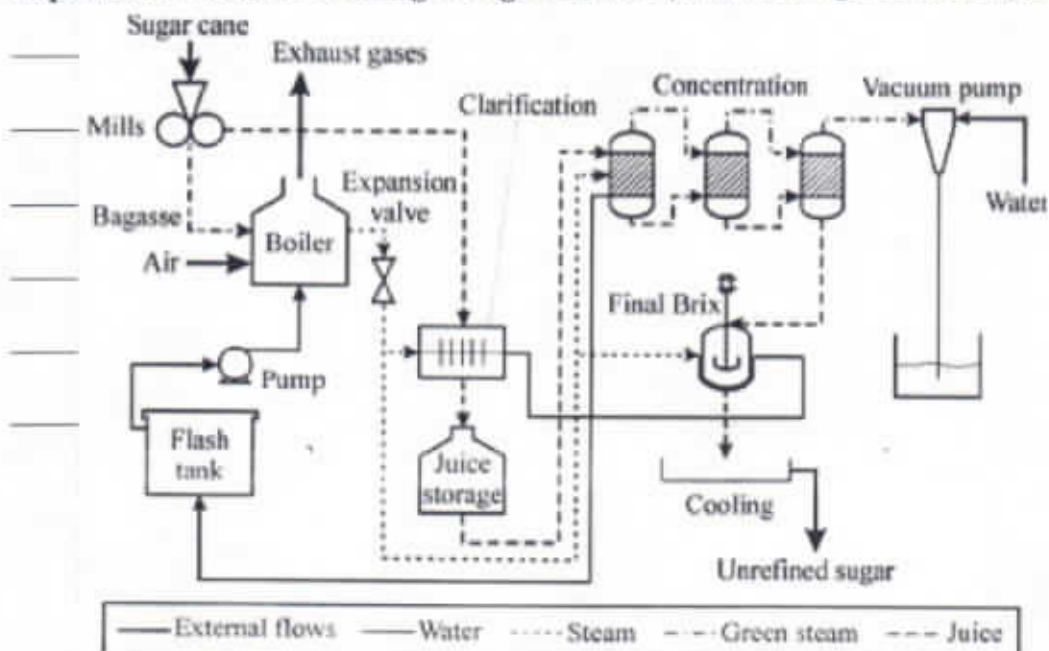
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8. Brief about the Industry Profile? (Company Type, Product, Services, Plants& Locations, Management etc.)

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9. Explore the Processes running in organization? (Manufacturing Processes, Layouts, etc)



AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

10. Machines & Equipments, Tools Used?

12. Unloading Mechanisms and machineries for Sugar Cane from Carriers.
13. Crushing of Sugar cane and Extraction of Juice from sugar cane.
14. Filtering of sugar cane juice
15. Heating and boiling of Juice
16. Extraction of molasses from heated sugarcane juice
17. Crystallization of sugar from juice
18. Whitening of Sugar
19. Screening and separation of sugar by Grades and stack in silos
20. Packaging of sugar in bags.
21. Burning of Bagasse in boiler to generate energy.
22. Control of Air pollution mechanism.

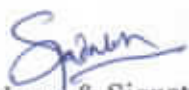
11. What are the Finding during visit?

We students have studied about Air pollution sources, Emission through stack as well as the health effects of pollution on Human beings, plants, Animals and property so to control the emission of air pollutants generated through different operations and processes of an Industry we have visited SMBT Sugar Factory.

Here the major source of pollution was Burning of Bagasse in Boilers for generation of steam to create energy for running industry. The Burning of bagasse was generating lots of Particulate matters, Smoke, Carbon Particles, CO_2 , SO_2 and NO_2 , which was Controlled by Wet Scrubbing and Cyclone Scrubbing to attain removal of Pollutants from emission through stack. The standards of emission of pollutions are achieved by the industry in well manner.

12. Conclusion and recommendations for the Visit?

The Visit was planned to attain curriculum of SPPU syllabus of Air Polluton and Control subject to study air pollution sources, emission and control mechanisms of pollution at source to avoid health and wealth effects on livings. The distance of visit was very near to our institute, but was knowledgeable to all. As the Person allotted to visit from Sugar Industry, Mr. Jadhav Saheb introduced us very well about different processes of Sugar manufacturing, Air Pollution control techniques and Processes very well. The overall visit was very Good


(Name & Signature of Student)

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

INDUSTRY VISIT REPORT

Name of Student: Mr. Pawar Avishkar Class: B.E., Branch: Civil Engineering

Name of Industry Visited: SMBT, Sahakari Sakhar Karkhana, Sangamner, Date: 05/11/2022

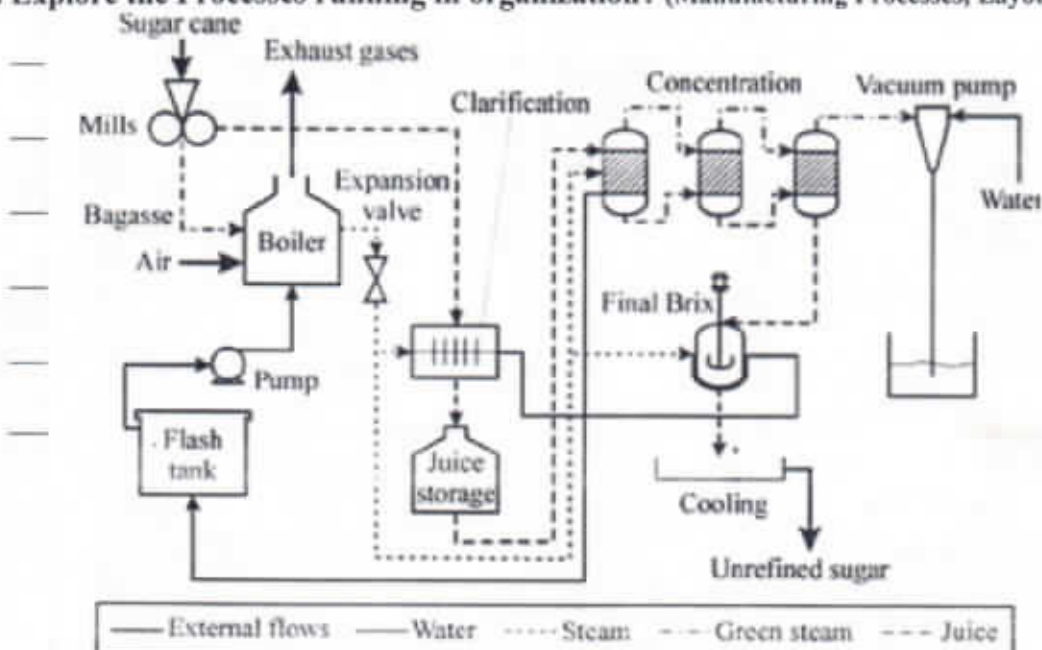
13. Aims and objectives of the Visit?

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14. Brief about the Industry Profile? (Company Type, Product, Services, Plants& Locations, Management etc.)

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15. Explore the Processes running in organization? (Manufacturing Processes, Layouts, etc)



AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

16. Machines & Equipments, Tools Used?

23. Unloading Mechanisms and machineries for Sugar Cane from Carriers.
24. Crushing of Sugar cane and Extraction of Juice from sugar cane.
25. Filtering of sugar cane juice
26. Heating and boiling of Juice
27. Extraction of molasses from heated sugarcane juice
28. Crystallization of sugar from juice
29. Whitening of Sugar
30. Screening and separation of sugar by Grades and stack in silos
31. Packaging of sugar in bags.
32. Burning of Bagasse in boiler to generate energy.
33. Control of Air pollution mechanism.

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(Name & Signature of Student)

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

INDUSTRY VISIT REPORT

Name of Student: Mr. Lende Omkar Class: B.E., Branch: Civil Engineering

Name of Industry Visited: SMBT, Sahakari Sakhar Karkhana, Sangamner, Date: 05/11/2022

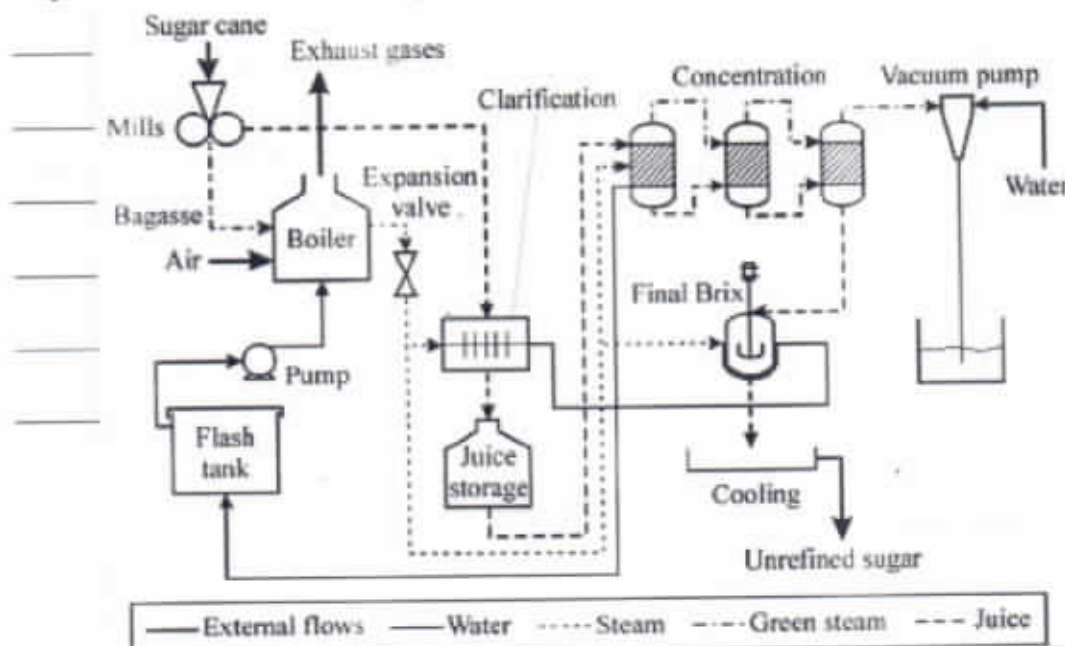
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21. Explore the Processes running in organization? (Manufacturing Processes, Layouts, etc)



AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

22. Machines & Equipments, Tools Used?

34. Unloading Mechanisms and machineries for Sugar Cane from Carriers.
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Here the major source of pollution was Burning of Bagasse in Boilers for generation of steam to create energy for running industry. The Burning of bagasse was generating lots of Particulate matters, Smoke, Carbon Particles, CO_2 , SO_2 and NO_2 , which was Controlled by Wet Scrubbing and Cyclone Scrubbing to attain removal of Pollutants from emission through stack. The standards of emission of pollutions are achieved by the industry in well manner.

24. Conclusion and recommendations for the Visit?

The Visit was planned to attain curriculum of SPPU syllabus of Air Pollution and Control subject to study air pollution sources, emission and control mechanisms of pollution at source to avoid health and wealth effects on livings. The distance of visit was very near to our institute, but was knowledgeable to all. As the Person allotted to visit from Sugar Industry, Mr. Jadhav Saheb introduced us very well about different processes of Sugar manufacturing, Air Pollution control techniques and Processes very well. The overall visit was very Good


(Name & Signature of Student)