# First Report on Promotional Activities of Cleaner Production in Industrial Estates in Gujarat

(A project of Forests & Environment Department, Govt. of Gujarat)





#### **GUJARAT CLEANER PRODUCTION CENTRE**

(Established by Industries & Mines Department, Govt. of Gujarat)

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# First Report on Promotional Activities Of

## Cleaner Production in Industrial Estates in Gujarat

#### **Project Background:**

Cleaner Production, with great vitality and buoyancy, begin a new era of "Pollution Prevention" in the history of Environmental Promotion and will become the best approach for pollution control in this new century.

GCPC is actively engaged in promotional activities of Cleaner Production. To motivate the industries, GCPC has initiated concepts of pollution prevention. Forests & Environment Department, GoG is also working on Proactive Concepts and supporting in implementation of Cleaner Production. As a part of this activity, Forests & Environment Department, GoG assigned a project of Awareness Programme on Promotional Activities of Cleaner Production in different sectors & different group in Gujarat to GCPC.

The main objective of the Awareness Programme is to spread awareness on Cleaner Prod uction in different Sector s. GCPC, thereafter, submitting Interim Reports covering promotional activities of Cleaner Production at different industrial estate in the Gujarat to the department.

As mentioned, after receiving approval from Forests & Environment Department, GoG, the selected industries association were contacted through mails, letters, phones and personal visits for fixing up time and date for the awareness programme. Also, senior officials of GPCB were contacted for their availability in the proposed programme.

#### Purpose:

This First Report includes the progress of the Cleaner Production Awareness Programme at Industrial Estates.

#### Cleaner Production Promotion Programme at Industrial Estate:

After receiving confirmation from respective industries association and officials from GPCB, awareness programme were conducted as below.

- 1. Cleaner Production Promotion for Stone Crushing Sector at Godhra, Panchmahal, Dated: 24/06/2016
- 2. Cleaner Production Promotion for Pharmaceutical Sector at Himmatnagar, Dated: 25/07/2016
- 3. Cleaner Production Promotion for Textile Sector at Palsana, Surat, Dated: 27/07/2014
- 4. Cleaner Production Promotion for Textile Sector at Sarigam GIDC Industrial Estate, Dated: 29/07/2016

#### <u>Preparation of Awareness Programme:</u>

Though to conduct Awareness Programme on Cleaner Production is a routine activity, but for this project an exclusive team of senior officials from GCPC have been formed under direct supervision of Member Secretary, GCPC.

A descriptive presentations covering following themes have been prepared:

#### → <u>Industrialization & CP</u>

- Industrial Scenario of Gujarat
- Measure for Environment Protection with EOP, i.e Treatment & Disposal
- Concept of CP
- Establishment of GCPC
- Support by GPCB
- Barriers
- $\rightarrow CP Tools$
- → CP Methodology
- $\rightarrow$  Success Stories of CP
  - Textile Sector
  - Pharmaceutical
  - Stone crushing Sector
  - Bentonite manufacturing

- Dye & dye intermediate
- Chemical
- Glass
- Dairy
- Ceramic
- Electroplating
- Hotel
- Hospital
- Pulp & paper
- Fish processing
- Agrochemicals
- Petrochemicals

#### → Financial Assistance

• Scheme of financial assistance for CP Implementation under Industrial Policy-2015 of Industries Commissionerate, GoG

#### An environment friendly Jute Bags consisting of:

- CD Comprising:
  - ✓ Guidelines on Cleaner Production Implementation in various Sector ,

    Posters, Cleaner Production Booklet prepared by GCPC
  - ✓ Schemes of assistance for Environment Protection and Measures of Gujarat Industrial Policy 2015
  - ✓ Copy of Powerpoint Presentations
- Writing Pad made of Recycled Paper
- Pen and
- Programme Schedule were distributed to all participants.

The details of the awareness programme are given in the following pages.

# "Cleaner Production Promotion for Stone Crushing Sector at Godhra, Panchmahal"

**Date:** June 24, 2016

**Time:** 10:00 am to 01:00 pm

**Venue:** M/s. New Shiv Shakti Quarry, Gothda, Ta.Godhra, Dist: Panchmahal

## **Programme Attendees:**

Organization	Name of the Official / Participants
GCPC	Mr. Sumit Patel, Asst. Project Engineer
	Shri C. A. Shah, Vigilance Officer, Vadodara
	Shri R. P. Gupta, Regional Officer, Godhra
GPCB	Shri J. M. Mahida, Deputy Environmental
GLCD	Engineer, Vadodara
	Shri A. J. Rathod, Deputy Environmental
	Engineer, Nadiyad
Gothda Quarry Association	Shri. Amit Suthar, President, Quarry
	Association & 45 industry participants

Presenter	Theme covered
Mr. Sumit Patel	Cleaner Production in Stone Crushing Industry

# **Programme Schedule:**

## **Cleaner Production Promotion Programme Schedule**

**Date:** 24/06/2016

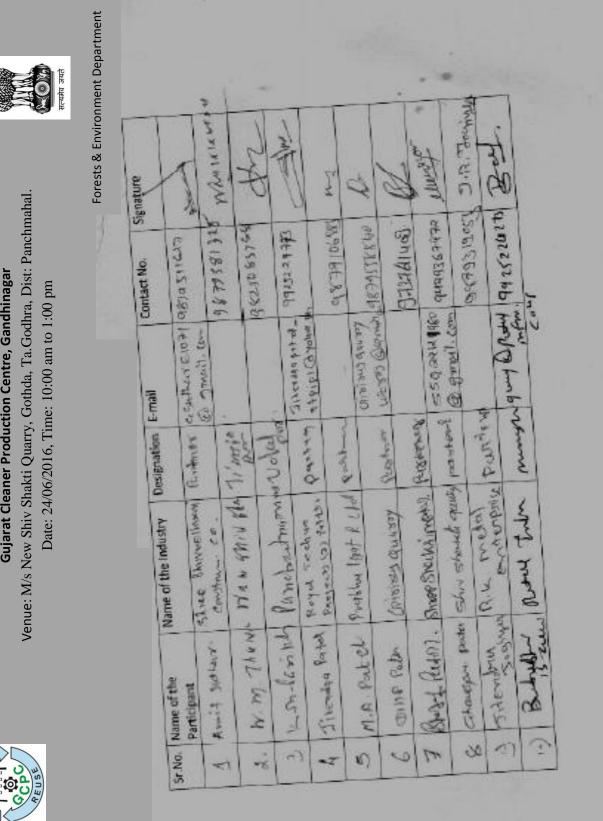
**Time:** 10:00 am to 1:00 pm

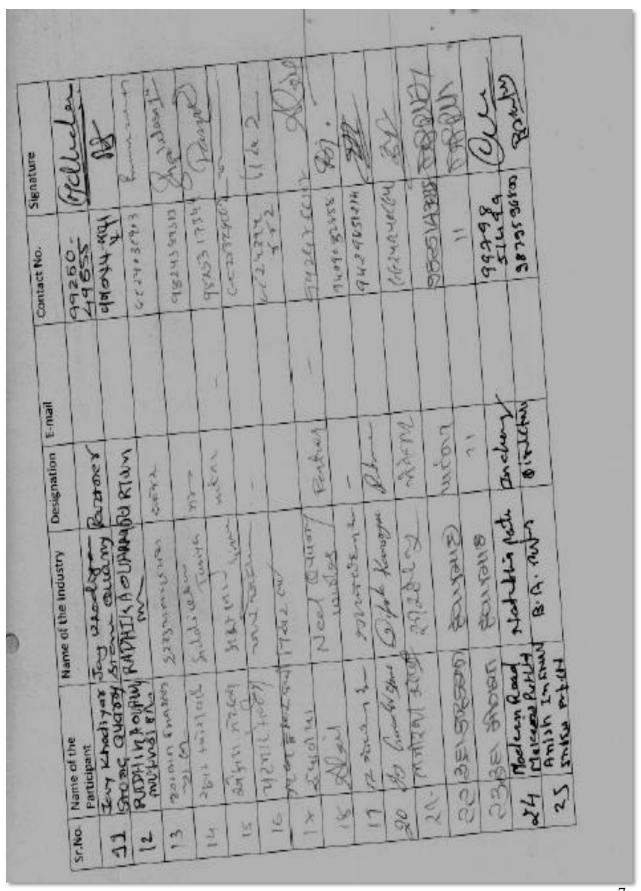
Venue: M/s New Shiv Shakti Quarry, Gothda, Ta.Godhra, Dist: Panchmahal.

Duration	Activity
9:30 to 10:00	Registration & Tea
10:00 to 10:15	Welcome address by President, Quarry Association, Gothda
10:15 to 10:45	Address by Regional Officer, GPCB, Godhra
10:45 to 11:30	Discussion on the Problems of Air Pollution due to Stone Crushing Industry by Shri R. P. Gupta, Regional Officer, GPCB Godhra
11:30 to 11:55	Discussion and Suggestion the solution of the air pollution caused by stone crushing industry by Shri C. A. Shah , Vigilance Officer , GPCB Vadodara
11:55 to 12:30	Presentation on Cleaner Production in Stone Crushing Industry by Mr. Sumit Patel, Assistant Project Engineer, GCPC
12.30 to 1:00	Question Answers
1:00 PM Onwards	Discussions With Vote of Thanks

#### **Attendance Sheet**

# **Gujarat Cleaner Production Centre, Gandhinagar** A Program on Cleaner Production Promotion





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# "Cleaner Production Promotion for Pharmaceutical Sector at Himmatnagar"

**Date:** July 25, 2016

**Time:** 3:00 pm to 5:00pm

**Venue:** Montage Laboratories Pvt. Ltd. At. Dhandha, Idar Road, Himmatnagar

# **Programme Attendees:**

Organization	Name of the Official / Participants
	Mr. P. R. Rathod, Sr. Project Engineer
GCPC	Mrs. Poonam M. Rathod, Asst. Project Engineer
	Ms. Priyanka Joshi, Information Officer, GCPC-ENVIS
GPCB	Shri M. S. Shukla, Regional Officer, Himmatnagar
Himmatnagar Pharmaceutical Association	Mr. S. K. Shah, President & 20 industry participants

Presenter	Theme covered	
Mr. P R Rathod	Cleaner Production Concept, Tools and	
IVII. F K Kaulou	Methodology	
Mas Dooman M. Dothod	Case Study on Cleaner Production in	
Mrs. Poonam M. Rathod	Pharmaceutical Sector	
Ma Duiyanka Ioshi	Role of GCPC – ENVIS in Cleaner Production	
Ms. Priyanka Joshi	and Clean Technology	

# **Programme Schedule:**

# Cleaner Production Promotion Programme Schedule

**Date:** 25/07/2016

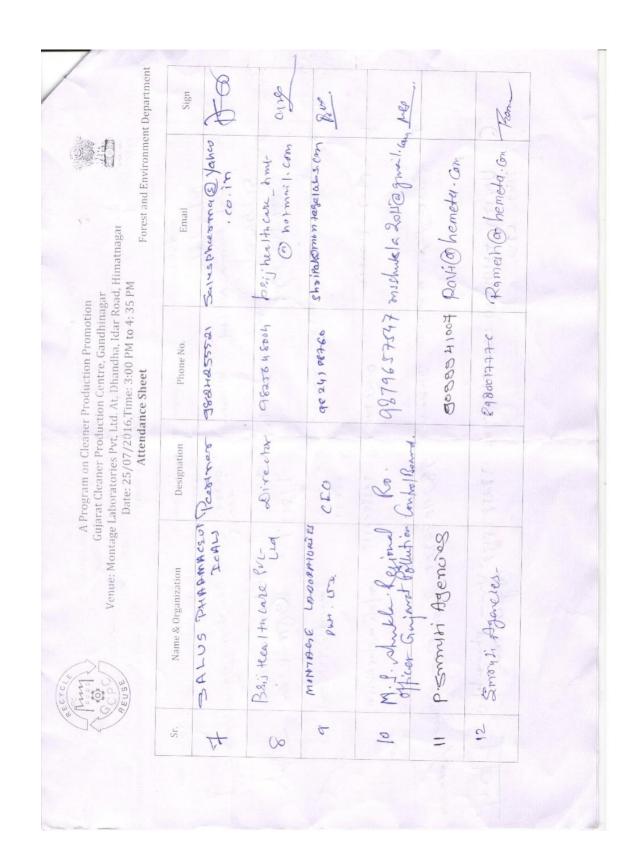
**Time:** 3:00 pm to 4:35pm

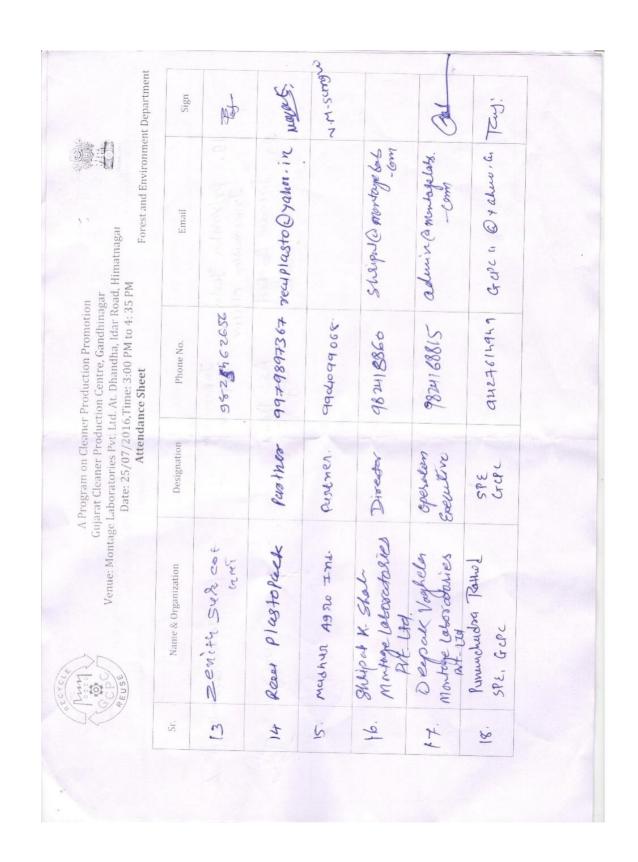
Venue: Montage Laboratories Pvt.Ltd. At. Dhandha, Idar Road, Himmatnagar

Duration	Activity
3.00 to 3:30	Registration & Tea
3: 30 to 3: 35	Welcome address by Shri K.N. Shah, Managing Director, Montage Laboratories Pvt.Ltd.
3:35 to 3:40	Address by Shri M. S. Shukla, Regional Officer, GPCB, Himmatnagar
3: 40to 4:00	Presentation on Cleaner Production by Shri P.R. Rathod, Senior Project Engineer, GCPC
4:00 to 4:15	Presentation on Cleaner Production in Pharmaceutical by Mrs. Poonam Rathod, Assistant Project Engineer, GCPC
4.15 to 4.30	Presentation on Role of ENVIS in Cleaner Production/Clean Technology by Ms. Priyanka Joshi, Information Officer, GCPC-ENVIS
4.30 to 4.35	Presentation on Gujarat Industrial Policy by Shri P. R. Rathod, Senior Project Engineer, GCPC
4.35 Onwards	Discussions With Vote of Thanks

# **Attendance Sheet**









# Photos:









# "Cleaner Production Promotion for Textile Sector at Palsana, Surat"

**Date:** July 27, 2016

**Time:** 11:00 am to 01:30 pm

**Venue:** GETP – CETP Conference Hall, Tal: Palsana, Surat

# **Programme Attendees:**

Organization	Name of the Official / Participants
	Mr. P. R. Rathod, Sr. Project Engineer
GCPC	Mr. Sumit Patel, Asst. Project Engineer
	Mr. Abhi Patel, Asst. Project Engineer
	Shri T. B. Shah, Vigilance Officer, South Gujarat
GPCB	Shri Ballubhai Rathod, Regional Officer, Surat
	Shri Sanjiv Vaijanapurkar, Deputy Environmental Engineer, Surat
GETP-CETP	Mr. Ashish Mehta, Unit Head, CETP of GETP & 35 industry participants

Presenter	Theme covered	
Mr. P R Rathod	Cleaner Production Concept, Tools and	
Wii. i K Katilou	Methodology and IC Policy 2015	
Mr. Abhi Patel	Case Study on Cleaner Production in Textile	
MI. Aom I ater	Sector	
Mr. Sumit Patel	Wastewater Treatment in Textile Sector	

# **Programme Schedule:**

## **Cleaner Production Promotion Programme Schedule**

**Date:** 27/07/2016

**Time:** 11:00 AM to 1:30 PM

**Venue:** GETP – CETP Conference Hall, Tal: Palsana, Surat

Duration	Activity
10:30 to 11:00	Registration & Tea
11:00 to 11:05	Welcome address by Gujarat Eco-Textile Park
11:05 to 11:10	Address by Regional Officer, GPCB, Surat
11:10 to 11:40	Presentation on Cleaner Production by Shri P. R. Rathod, Senior Project Engineer, GCPC
11:40 to 11:55	Presentation on Cleaner Production in Textile by Mr. Abhi Patel, Assistant Project Engineer, GCPC
11:55 to 12:10	Presentation on Wastewater Treatment in Textile Sector by Mr. Sumit Patel, Assistant Project Engineer, GCPC
12:10 to 12:30	Presentation on Financial Assistance on Cleaner Production by Shri P. R. Rathod, Senior Project Engineer, GCPC
12.30 to 1:00	Question Answers
1:00 PM Onwards	Discussions With Vote of Thanks

# **Attendance Sheet**

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# "Cleaner Production Promotion for Textile Sector at Sarigam GIDC Industrial Estate"

**Date:** July 29, 2016

**Time:** 3.00 pm to 5.00 pm

**Venue:** Association Hall, Sarigam Industrial Estate

# **Programme Attendees:**

Organization	Name of the Official / Participants
	Dr. Bharat Jain, Member Secretary
GCPC	Mr. P. R. Rathod, Sr. Project Engineer
	Mr. Hiren Bhendwal, Sr. Project Engineer
	Shri G. V. Patel, Regional Officer, Sarigam
	Shri A. G. Patel, Regional Officer, Vapi
GPCB	Shri T. B. Shah, Vigilance Officer, South Gujarat
	Shri M. D. Patel, Assistant Engineer, Sarigam
Sarigam Industries	Shri Sirish Desai, President
Association	Mr. Uday, Chairman, Environment Committee & 78 industries from Vapi and Sarigam

Presenter	Theme covered
Shri M. D. Patel	Environmental issues related to Textile Sector
Dr. Bharat Jain	Concept of Cleaner Production
Mr. P R Rathod	Cleaner Production Concept, Tools, Methodology, case study on Textile Sector and Industries Policy-2015

# **Programme Schedule:**

## Cleaner Production Promotion Programme Schedule

**Date:** 29/07/2016

**Time:** 3:00 pm to 4:45 pm

Venue: Association Hall, Sarigam Industrial Estate

Duration	Activity
3.00 to 3:30	Registration & Tea
3: 30 to 3: 35	Welcome address by Sirish Desai, President of Sarigam Industries Association
3:35 to 3:40	Address by Shri G. V. Patel, Reg ional Officer, Sarigam
3: 40 to 3: 45	Address by Shri A. G. Patel, Regional Officer, Vapi
3: 45 to 3: 50	Address by Shri T. B. Shah, Vigilance Officer, GPCB, South Gujarat
3: 50 to 3: 55	Address by Dr. Bharat Jain, Member Secretary, GCPC
3: 55 to 4:10	Presentation on Environmental issues related to Textile Sector by Shri M. D. Patel, Assistant Engineer, GPCB, Sarigam
	Presentation on Concept of Cleaner Production by Dr. Bharat Jain, Member
4:10 to 4:30	Secretary, GCPC
	Presentation on Cleaner Production Concept, Tools, Methodology, case
4: 30 to 4: 45	study on Textile Sector and Industries Policy-2015 by Shri Punamchandra
	Rathod, Sr. Project Engineer, GCPC
4.45 Onwards	Discussions With Vote of Thanks

## **Attendance Sheet**



A Program on Cleaner Production Promotion Gujarat Cleaner Production Centre, Gandhinagar Venue: Association Hall, Sarigam Industrial Estate Date: 29/07/2016, Time: 3:00 pm to 4:45 pm



Forests & Environment Department

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## Photos:





























