



Review Meet on



Compliance of Real-Time Monitoring Technology by Industries & Data Integrity

May 28th, 2018

Chronology of RTM

- **July 2010** – RTM of industries on 24x7 basis was discussed during Chairmen-MS conference.
- **February 2011** – Sensitisation programme launched for industries to set up RTM instruments.
- **February 2014** – Directions issued by CPCB for self monitoring of compliance by 17 types industries, CETPs, CTSDf, BMW incineration facilities.
- **August 2014** – Directions issued by MPPCB for installation and connectivity of RTM systems with MPPCB and CPCB.
- **Dec 2014** – MPPCB sought ATR from industries against the directions issued in August 2014.
- **Dec 2014** – Review meeting convened at HQ MPPCB to see the compliance status. Total 93 industries attended.

RTM Tools

- * **Continuous Emission Monitoring System (CEMS)**
- * **Continuous Ambient Air Quality Monitoring System (CAAQMS)**
- * **Continuous Effluent Quality Monitoring System (CEQMS)**
- * **IP-PTZ-Camera**
- * **Flow Monitor**

Target Sectors (CEQMS)

Sr.	Sectors	Parameters
1	Aluminium	pH, BOD, COD, TSS, Flow
2	Copper	pH, TSS, Flow
3	Chlor Alkali	pH, TSS, Flow
4	Distillery	pH, BOD, COD, TSS, Flow
5	Dye & dye intermediates	pH, BOD, COD, TSS, Cr, Flow
6	Fertilizers	pH, N-NH ₃ , Fluoride, Flow
7	Iron & Steel	pH, Phenol, Cyanide, Flow
8	Oil Refinery	pH, BOD, COD, TSS, Flow
9	Petrochemicals	pH, BOD, COD, TSS, Flow
10	Pesticides	pH, BOD, COD, TSS, Cr, As, Flow

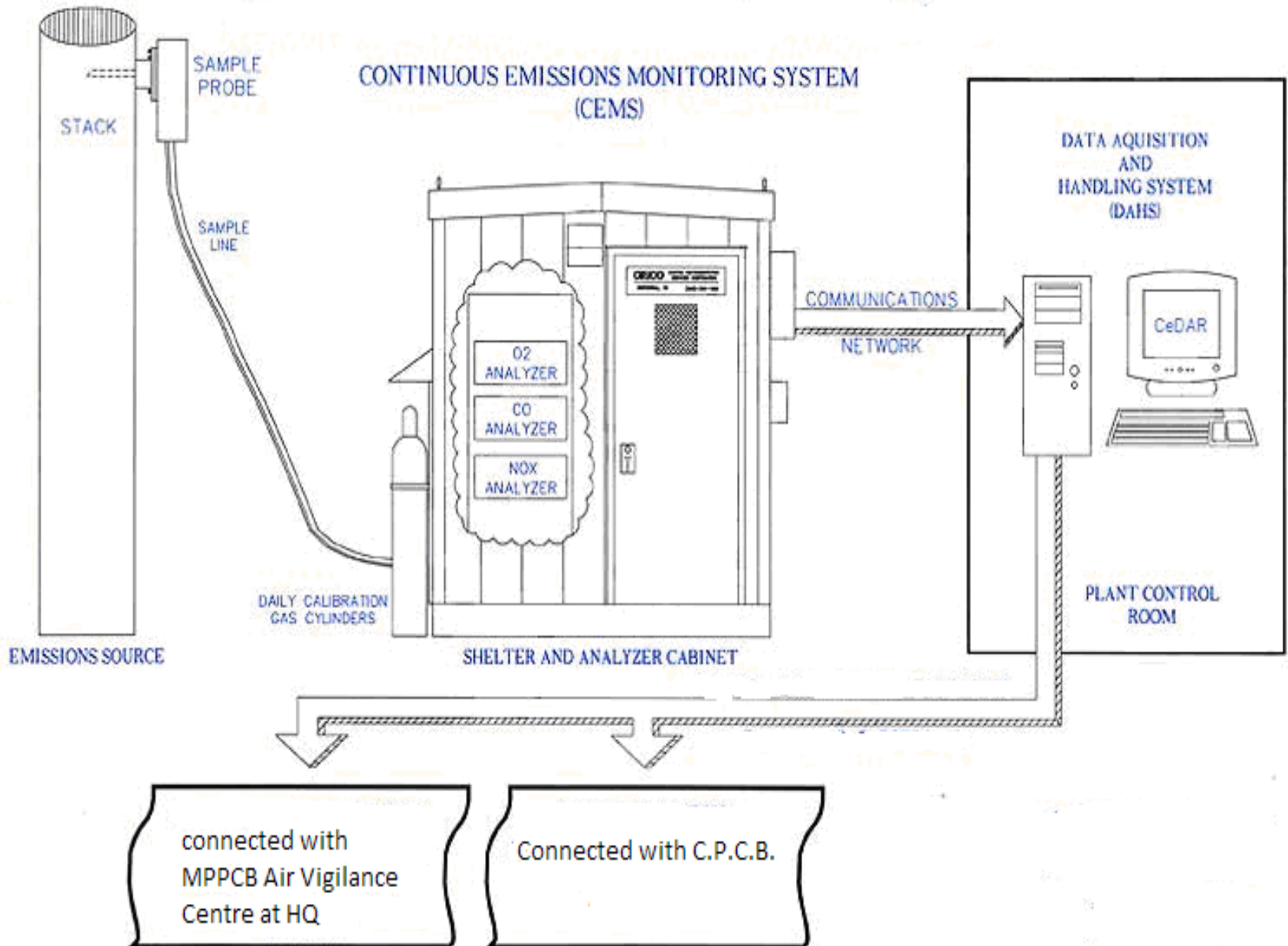
Target Sectors (CEQMS)

Contd.....

Sr.	Sectors	Parameters
11	Pharmaceuticals	pH, BOD, COD, TSS, Cr, As, Flow
12	Power Plants	pH, TSS, Temperature
13	Pulp & Paper	pH, BOD, COD, TSS, Aox, Flow
14	Sugar	pH, BOD, COD, TSS, Flow
15	Tannery	pH, BOD, COD, TSS, Cr, Flow
16	Zinc	pH, TSS, Flow
17	Dairy	pH, BOD, COD, TSS, Flow
18	Slaughter House	pH, BOD, COD, TSS, Flow
19	Textile	pH, COD, TSS, Flow

Target Sectors (CEMS)

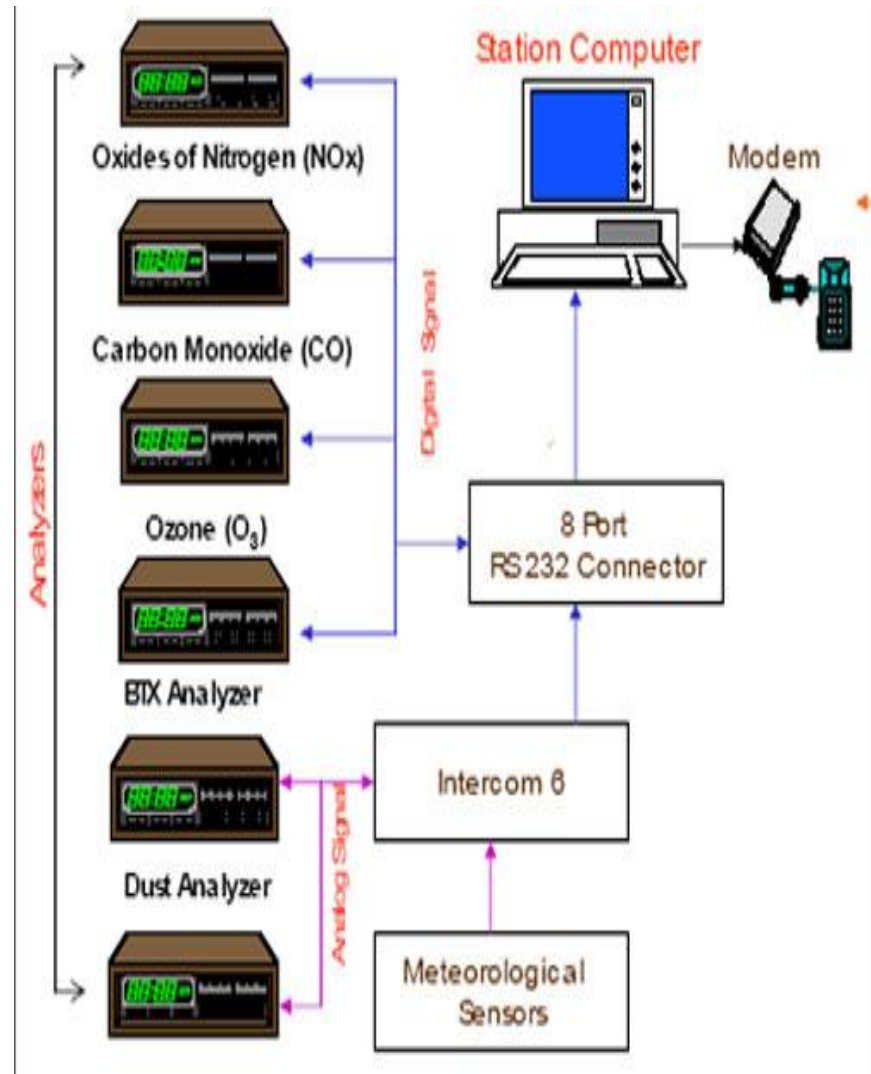
Sr.	Sectors	Parameters
1	Aluminium	PM, Fluoride
2	Cement	PM, SO ₂ , NO _x
3	Copper	PM, SO ₂
4	Chlor Alkali	Cl ₂ , HCl
5	Distillery	PM
6	Fertilizers	PM, NH ₃ , Fluoride
7	Iron & Steel	PM, SO ₂
8	Oil Refinery	PM, SO ₂ , NO _x , CO
9	Petrochemicals	PM, SO ₂ , NO _x , CO
10	Power Plants	PM, SO ₂ , NO _x
11	Zinc	PM, SO ₂



CAAQM Station



CAAQM Components



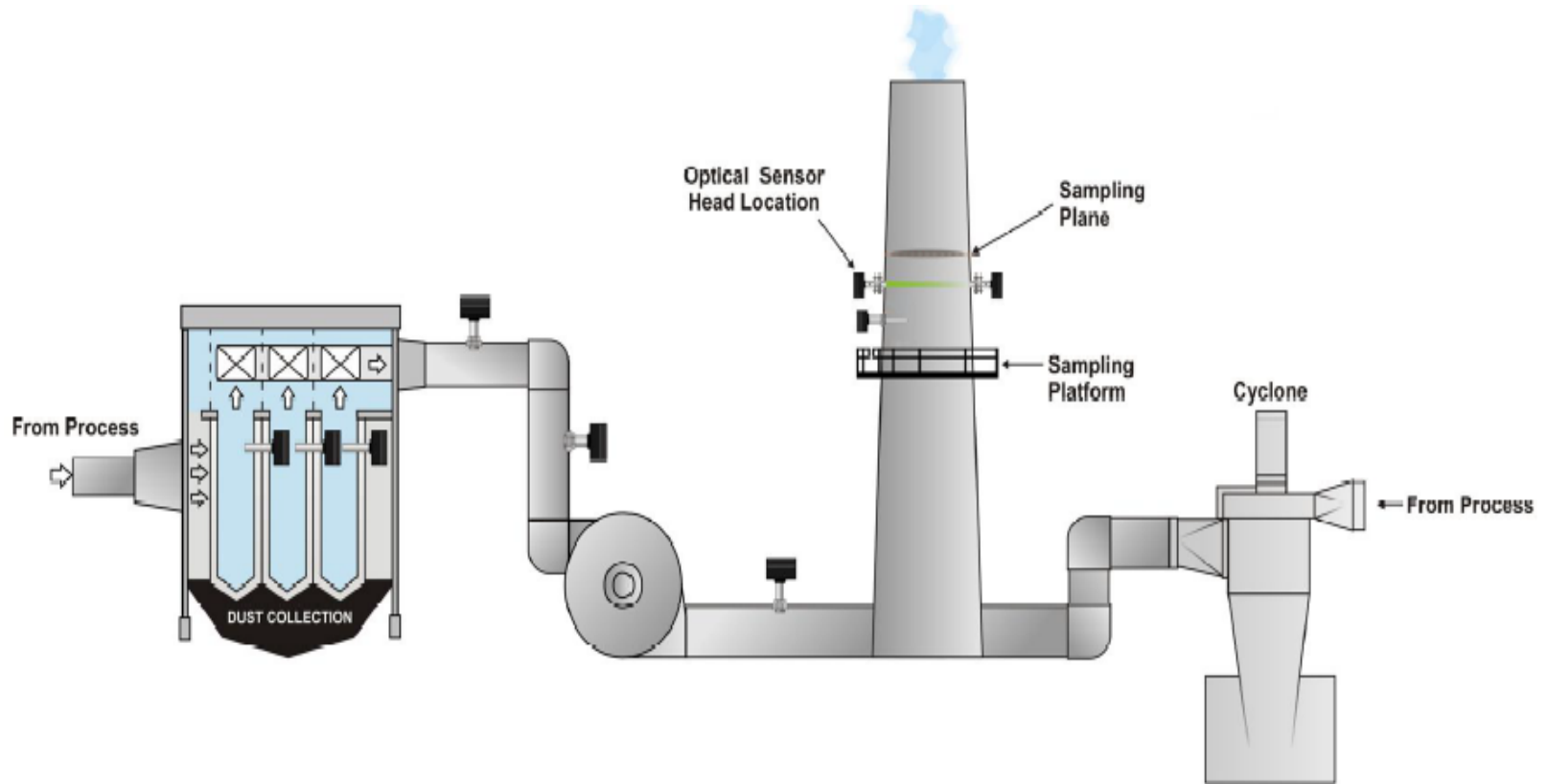
CEQMS



IP_Camera



CEMS location



Positions to be considered for installation of Particulate Monitors

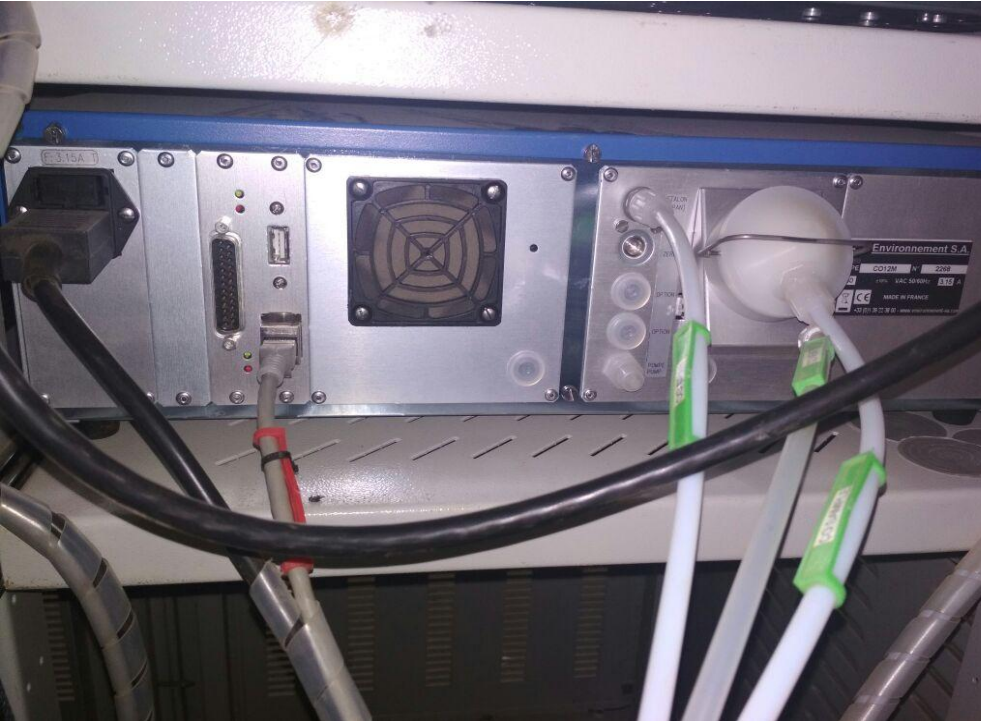
500 mm above iso-kinetic sampling port with proper logistic support

Connectivity on Serial Port



[Back](#)

Connectivity on Ethernet Port



[Back](#)

Proposed Architecture

Present Architecture

Analyzer



IoT Device

Internet



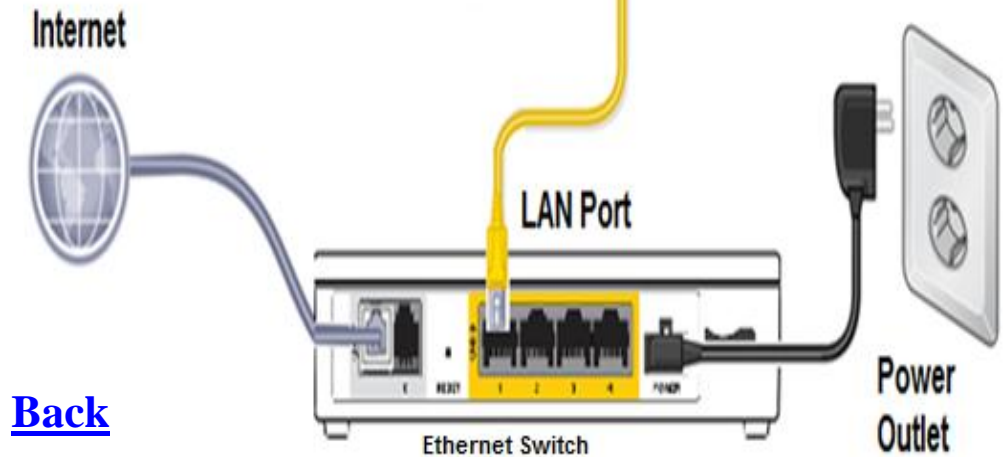
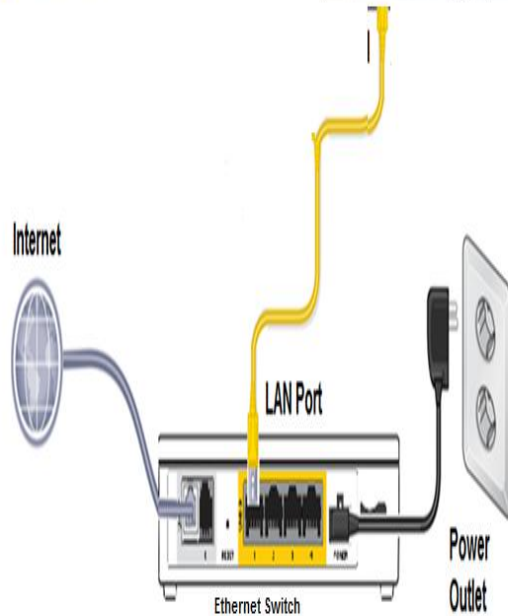
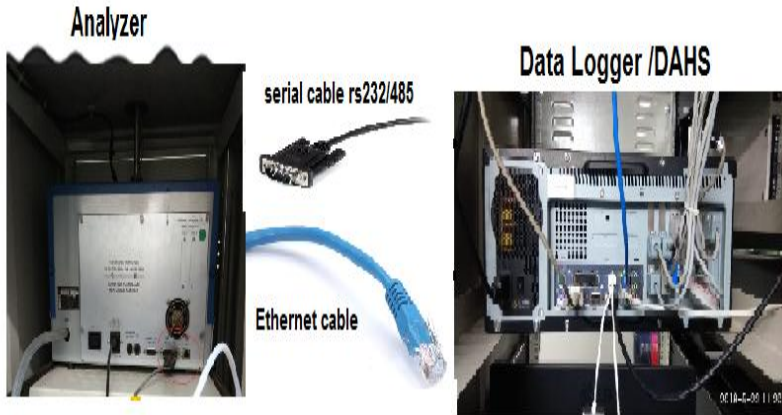
LAN Port



Power Outlet



Present v/s Proposed Architecture



Approvals

- **USEPA approved Technology/Methods.**
- **TUV & MCERTS Certification.**
- **Indigenous instruments not confirming USEPA/TUV/MCERTS standards need to demonstrate performance to NPL, New Delhi.**
- **Performance period – 1 month.**
- **Expenses to be borne by Manufacturer.**
- **Testing shall be as per procedure laid down by CPCB.**

Gaseous Analyzer Calibration

- **Calibration w.r.t. their functioning, drift, linearity, detection limit, output, operating temp and other related parameters.**
- **Data capture rate >85%.**
- **Instruments must have provision for remote calibration.**
- **To be rechecked after 6 months, or after major repair or change of parts, using SM and SRM with atleast 3 span conc.**
- **Data comparison/calibration verification on quarterly basis by CPCB empanelled laboratories.**
- **Zero and span drift to be checked every Friday at 10 am.**
- **Zero drift to be checked daily at 10 am.**
- **DOAS/NDUV/NDIR instruments to be revalidated quarterly.**
- **Lamp Intensity to be checked fortnightly.**

Particulate Analyzer Calibration

- **To be calibrated at different operational loads against isokinetic sampling method every six months.**
- **Results to be compared fortnightly (Friday) at 10 am with standard isokinetic sampling method.**
- **Recalibration needed if deviation in value is >10%.**
- **Data capture rate >85%.**
- **Lamp Intensity to be checked fortnightly.**
- **Verification of data to be done by CPCB empaneled laboratory at specified frequency.**

Effluent quality monitoring

- **Calibration w.r.t. their functioning, drift, linearity, detection limit, output, operating temp and other related parameters.**
- **To be rechecked after 6 months, or after major repair or change of parts, using SM and CRM with atleast 3 span conc.**
- **Comparison of values fortnightly on Friday at 10 am using SM and SRM.**
- **Verification of data to be done by CPCB empaneled laboratory at specified frequency.**
- **Accuracy for COD, BOS and TSS will be 10% from the real value while for pH 0.2%.**
- **Data capture rate >85%.**

Sampling location - Water

- **Analysers to be installed in defined channel with no turbulence or eddy current.**
- **In case of mixing of 2 streams the device should be installed after proper mixing of streams.**
- **Ensure no flow obstruction while installing multiple sensors.**
- **Verification of data to be done by CPCB empaneled laboratory at specified frequency.**
- **Allowed variability is 10% for most parameters, except for pH.**
- **ZLD industries are exempted.**

IP_Camera

- **It must be an Internet Protocol (IP) camera with PTZ facility,**
- **Focal length - 5x or above,**
- **Night vision capability,**
- **Public static IP address for camera**
- **2 mbps dedicated internet bandwidth,**
- **Camera to be equipped with 2 TB SDXC card,**
- **Power back-up facility for camera,**
- **Installation should be at strategic locations of interest,**
- **Camera remote control features to be provided to the MPPCB.**

Wrong value of parameter

SMS ALERT FROM MPPCB
ALERT:EMISSION Industry Name:
Narsingarh,Narsingarh
CATEGORY: Cement Industry
LOCATION: AAQMS4
EXCEEDING PARAMETER: PM
10 VALUE: 114E: 700.0 against
Pres. Stand. 60.0 ?g/m³ DATE:
Thursday 15-Dec-2016 13:30:15
PM Respond at ercmppcb@nic.in

Overlapping of Parameters

SMS ALERT FROM MPPCB
ALERT:EMISSION Industry Name:
Essar Power,Madhya pradesh
CATEGORY: Power Plants
LOCATION: AAQMS1-Admin
EXCEEDING PARAMETER: SO2
VALUMETER: PM 10 VALUE:
239.0 against Pres. Stand. 100.0
?g/m3 DATE: Saturday 24-Dec-
2016 14:57:56 PM Respond at
ercmppcb@nic.in

Overlapping of Parameters

SMS ALERT FROM MPPCB
ALERT:EMISSION Industry Name:
Hindalco,singrauli CATEGORY:
Aluminium LOCATION: AAQMS1
EXCEEDING PARAMETER: PM
2.5 VALUE: 800.0 againstMETER:
PM 10 VALUE: 252.0 against Pres.
Stand. 100.0 ?g/m3 DATE: Sunday
01-Jan-2017 18:57:55 PM
Respond at ercmppcb@nic.in

Encrypted SMS !

é@¥ \$£&M)(H,J)
#tYè5!P!P_dΠ%TÑ1ΘÆNΓO"i&W
gtyßdø7K:Δ2m&ìYc7kßvÉea:;-
Σù)EcSΞU£\$lz;mNWÄ
fsΣα&ÉNæhΣøFSH,2ö?YiwΘDà\$K
r OyΠSQ bZÜßSSowF'(bìE"1i<\$
Δ@@@@@@@@@@@@@ARAME
TER: PM 10 VALUE: 409.0 against
Pres. Stand. 100.0 ?g/m3 DATE:
Sunday 11-Dec-2016 22:14:41 PM
Respond at ercmppcb@nic.in

Unreadable SMS

é@¥-\$£&M)(H,J)
#tYè5!P!P_dΠ%TÑ1ΘÆNΓO"i&Wgt
yßdø7K:Δ2m&ìYc7kßvÉea:;-
Σù)EcSΞU£\$lz;mNWÄ
fsΣϣ&ÉNæhΣøFSH,2ö?YiwΘDà\$Kr
OyΠSQ bZÜßSSowF'(bìE"1i<\$
Δ@@@@@@@@@@@@@@@@
@@@@@

Unreadable SMS

é@¥å\$£&M)(H,J)
#tYè5!P!P_dΠ%TÑ1ΘÆΝΓΟ"i&W
gtyßdø7K:Δ2m&ìYc7kßvÉea:;-
Σù)EcSΞU£\$lz;mNWÄ
fsΣα&ÉNæhΣøFSH,2ö?YiwΘDà\$K
r OyΠSQ bZÜßSSowF'(bìE"1i<\$
Δ@@@@@@@@@@@@@t Pres.
Stand. 100.0 ?g/m3 DATE:
Monday 02-Jan-2017 11:12:34 AM
Respond at ercmppcb@nic.in

Parameter details lacking in SMS

SMS ALERT FROM MPPCB
ALERT:EMISSION Industry Name:
Hindalco,singrauli CATEGORY:
Aluminium LOCATION:
CAAQMS_1_Cooling tower[North
Direction] EXCEEDING P.2 against
Pres. Stand. 100.0 ?g/m3 DATE:
Tuesday 29-Nov-2016 00:37:35 AM
Respond at ercmppcb@nic.in

SMS – wrong standard value

SMS ALERT FROM MPPCB
ALERT:EMISSION Industry Name:
Essar Power,Madhya pradesh
CATEGORY: Power Plants
LOCATION: AAQMS3-SwitchYard
EXCEEDING PARAMETER: PM
ainst Pres. Stand. 600.0 ppm
DATE: Saturday 10-Dec-2016
04:27:00 AM Respond at
ercmppcb@nic.in

Incomplete SMS Alert

SMS ALERT FROM MPPCB
ALERT:EMISSION Industry Name:
Vardhman Yarns,Salathpur
CATEGORY: Power Plants
LOCATION: AAQMS1
EXCEEDING PARAMETER: PM
10 VALUE:
112@ @ @ @ @ @ @ @ @

Wrong standards in SMS

SMS ALERT FROM MPPCB
ALERT:EMISSION Industry Name:
Vardhman Yarns,Salathpur
CATEGORY: Power Plants
LOCATION: AAQMS1
EXCEEDING PARAMETER: PM
10 VALUE: 232st Pres. Stand. 60.0
?g/m3 DATE: Monday 12-Dec-
2016 22:14:34 PM Respond at
ercmppcb@nic.in

Parameter stated twice

SMS ALERT FROM MPPCB
ALERT:EMISSION Industry Name:
Vardhman Yarns,Salathpur
CATEGORY: Power Plants
LOCATION: AAQMS1
EXCEEDING PARAMETER: PM
10 VALUE: 128ARAMETER: PM
10 VALUE: 141.0 against Pres.
Stand. 100.0 ?g/m3 DATE:
Monday 02-Jan-2017 02:58:24 AM
Respond at ercmppcb@nic.in

???

é@¥F\$£&M)(H,J)
#tYè5!P!P_dΠ%TÑ1ΘÆNΓO""i&W
gtyßdø7K:Δ2m&ìYc7kßvÉea:;-
Σù)EcSΞU£\$lz;mNWÄ
fsΣα&ÉNæhΣøFSò,"-OKrä;-
ìmxSwæÅù_SrrΣßü;7>E_;;ΠÇlg_è
J¥
Δ@@@@@@@@@@@@@
@@@@@

???

é@¥D\$£&M)(H,J)
#tYè5!P!P_dΠ%TÑ1ΘÆΝΓΟ"i&Wgtyßdø7
K:Δ2m&ìYc7kßvÉea;:-
Σù)EcSΞU£\$Iz;mNWÄ
fsΣα&ÉNæhΣøFSH,2ö?YiwΘDà\$Kr
OyΠSQ bZÜßSSowF'(bìE"1i<\$
Δ@@@@@@@@@ARAMETER:
PM 2.5 VALUE: 104.0 against Pres. Stand.
60.0 ?g/m3 DATE: Monday 02-Jan-2017
07:27:32 AM Respond at ercmppcb@nic.in

Place wrongly mentioned

FROM MPPCB ALERT:EMISSION

Industry Name: Vardhman

Yarns,Salathpur CATEGORY: Power

Plants LOCATION: AAQMS1

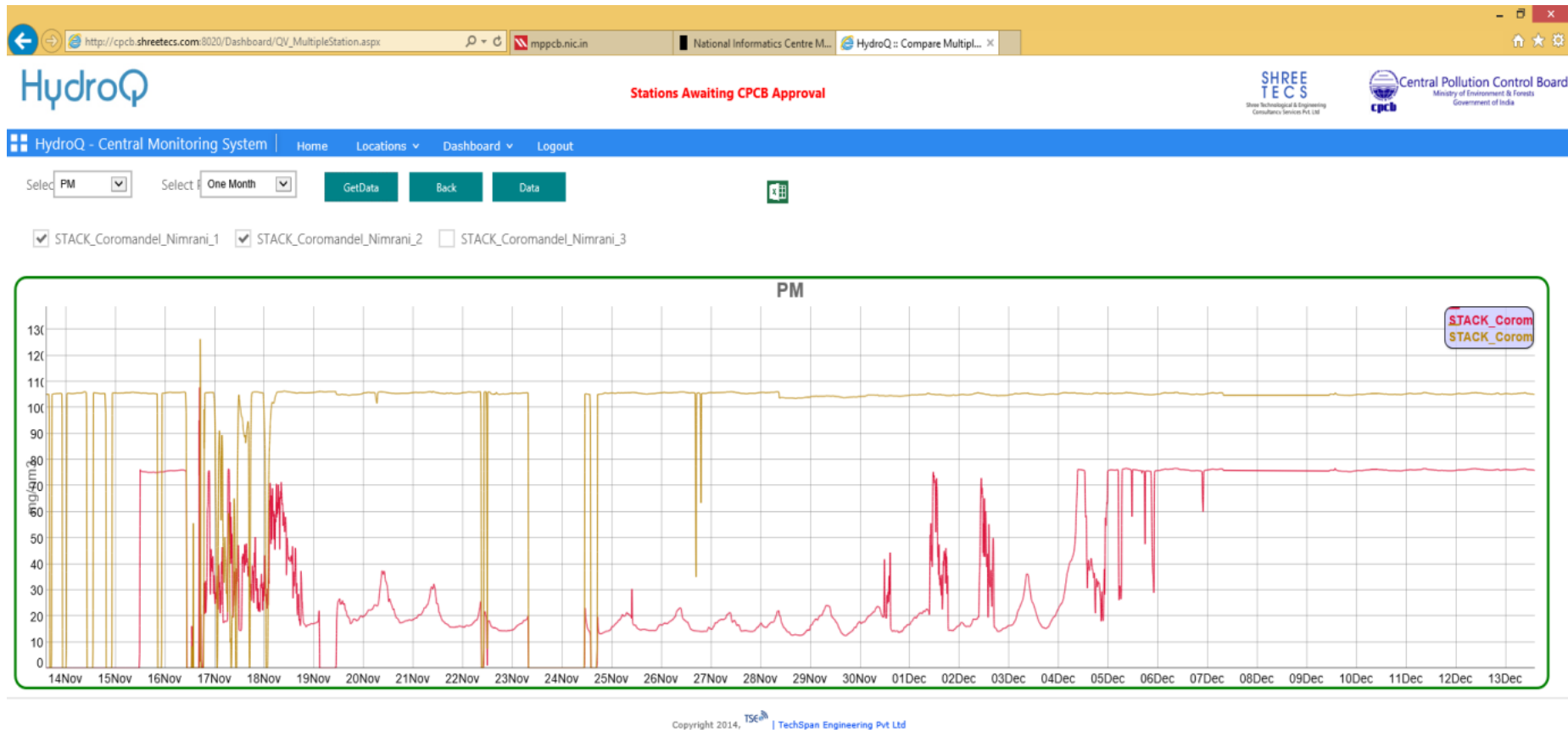
EXCEEDING PARAMETER: PM 10

VALUE: 112@@@@@@@@

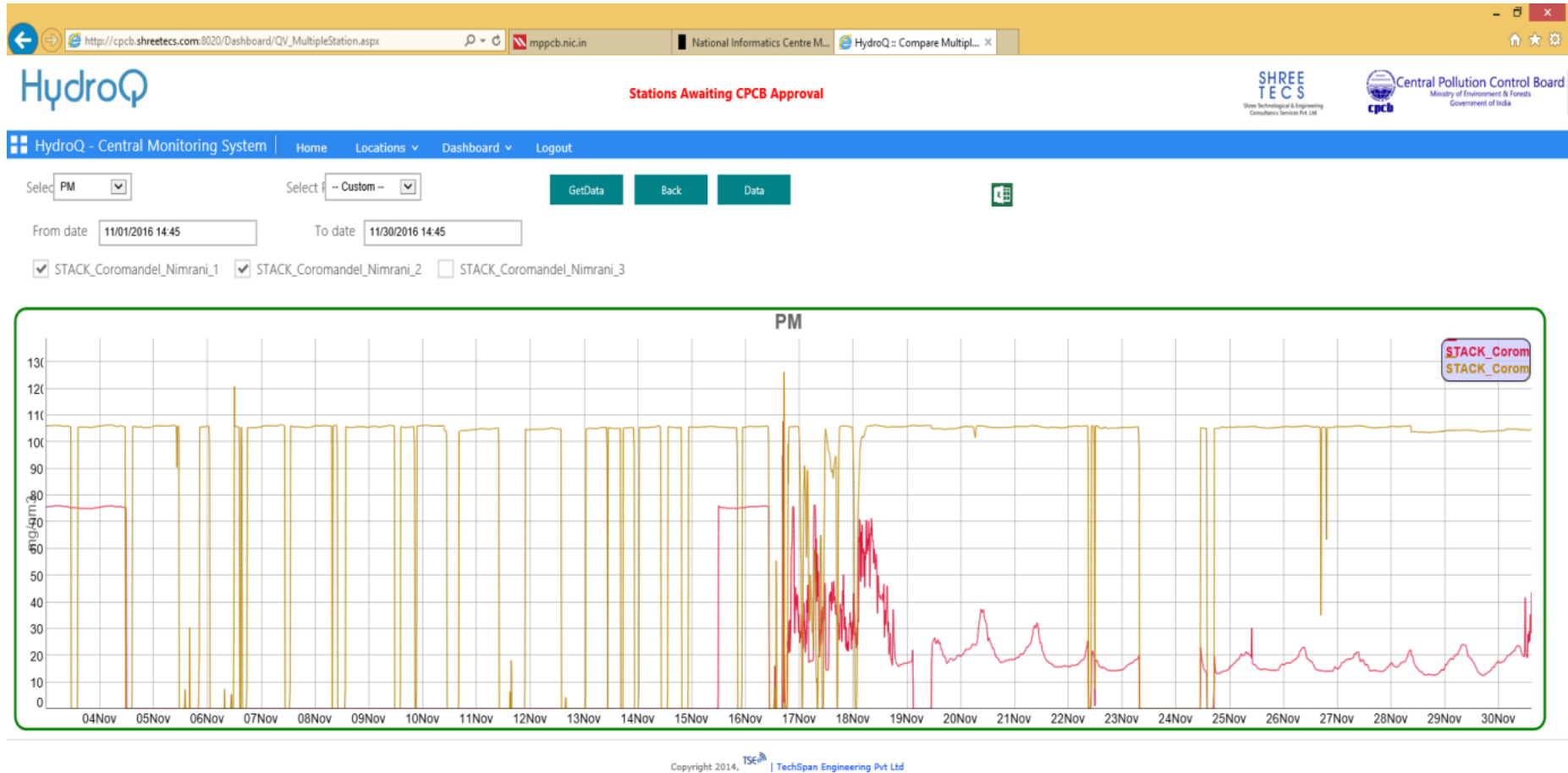
Incorrect parameter unit

SMS ALERT FROM MPPCB
ALERT:EMISSION Industry Name:
Hindalco,singrauli CATEGORY: Aluminium
LOCATION: AAQMS2 EXCEEDING
PARAMETER: PM 2.5 VALUE: 800.0
against Pres. Stand. 60.0 $\mu\text{g}/\text{m}^3$ DATE:
Sunday 01-Jan-2017 16:27:36 PM Respond
at ercmppcb@nic.in

Data Tampering ?



Befooling practices ?



Action on noticing violation through IP-C

The screenshot shows a webmail interface for the National Informatics Centre (NIC). The email is from ercmppcb@nic.in and is titled "Discharge of industry effluent." The email content discusses a violation of industry effluent discharge and the need for PTZ control commands to be operational.

Message 1 of 2015 | Next

Delete Reply Reply All Forward Forward Inline Add Addresses Close Move message to folder: v

Subject	Discharge of industry effluent.
From	ercmppcb <ercmppcb@nic.in>
Date	Friday, May 19, 2017 2:36 pm
To	bhopalaccounts@vishalpet.com
Cc	nkverma-pcb@mp.gov.in , psbundeia-pcb@mp.gov.in , rskori2762@gmail.com , bssthakur65@gmail.com
Attachments	Kanti.pdf 395K

Kind Attn. : Shri Mukesh Pancholi / Shri Deepak, M/s Kanti Beverages Pvt. Ltd., Mandideep

During routine surveillance of industries this office found suspected discharge of industry effluent today at around 1130 hours. IP-Camera shots are attached herewith in this support. Please clarify your stand in this regard.

It is often also noticed that the PTZ control commands of IP-Camera installed at your premises do not work hampering the remote surveillance operations. Please ensure that the camera functions remain operational and connected with ESC, MPPCB round the clock.

Regards.

Dr. Rajendra Chaturvedi
Scientist, ERC, MPPCB
Ph. : 0755-2469180, 8989879758

Action on noticing violation through IP-C

https://mail.nic.in/uwc/webmail/en/mail.html?lang=en&laurel=on&cal=1 mppcb.nic.in National Informatics Centre M... NICEMAIL(WSRV) ver 5.0 (... x Internet Explorer is not your de... chemicals - Google Search

Messaging Service from National Informatics Centre
Welcome ercmppcb

Home Profile Log Out Help

Mail Calendar Address Book Options
Compose Printable

ercmppcb@nic.in
Inbox (716)
wwwmail
Drafts (12)
Env. expert (611)
Failed mails store
PreMigrationInbox
ProbablySpam
RTM
SentMail
SentMail
SMS
TrashCan
TrashCan (4)
Manage Folders

Message 1 of 2290 | Next

Delete Reply Reply All Forward Forward Inline Add Addresses Close Move message to folder: v

Subject: RE: Discharge of industry effluent.
From: bhopalaccounts <bhopalaccounts@vishalpet.com>
Date: Friday, May 19, 2017 2:39 pm
To: ercmppcb@nic.in
Cc: nkverma-pcb@mp.gov.in, psbundela-pcb@mp.gov.in, rskori2762@gmail.com, bssthakur65@gmail.com

Respected Sir,
Noted & Corrected .
We will take care in Future

Regards,
KBPL
Mandideep

From: ercmppcb@nic.in [mailto:ercmppcb@nic.in]
Sent: 19 Mai 2017 14:37
To: bhopalaccounts@vishalpet.com
Cc: nkverma-pcb@mp.gov.in; psbundela-pcb@mp.gov.in; rskori2762@gmail.com; bssthakur65@gmail.com
Subject: Discharge of industry effluent.

Kind Attn. : Shri Mukesh Pancholi / Shri Deepak, M/s Kanti Beverages Pvt. Ltd., Mandideep

During routine surveillance of industries this office found suspected discharge of industry effluent today at around 1130 hours. IP-Camera shots are attached herewith in this support. Please clarify your stand in this regard.

It is often also noticed that the PTZ control commands of IP-Camera installed at your premises do not work hampering the remote surveillance operations. Please ensure that the camera functions remain operational and connected with ESC, MPPCB round the clock.

Regards.

Dr. Rajendra Chaturvedi
Scientist, ERC, MPPCB
Ph. : 0755-2469180, 8989879758

Windows Taskbar: 14:50 19-05-2017

Contradiction

Kind Attn. : Shri S.D. Mukherjee, M/s Birla Corpn., Satna

Thank you for information regarding resumption of BVC plant kiln. The BVC kiln was under maintenance since 19/11/2017 and is reported to have restarted on 11.12.2017 but this office has received real-time monitoring data continuously throughout November 2017 and the current month uninterruptedly. Screen shot in this support is attached herewith. Kindly clarify this contradiction to set our record straight.

Regards.

Dr. Rajendra Chaturvedi
Scientist, ERC, MPPCB
Ph. : 0755-2469180, 8989879758

Intimation by Ind. regarding IP-C operation

The screenshot shows a webmail interface for the National Informatics Centre (NIC). The browser address bar shows the URL: <https://mail.nic.in/uwc/webmail/en/mail.html?lang=en&laurel=on&cal=1>. The page title is "Messaging Service from National Informatics Centre". The user is logged in as "ercmpcb".


The email being viewed is from Shahzad Khan <shahzad.khan@gapl.co.in> with the subject "FW: ETP camera and DVR is working now". The email is dated Tuesday, November 29, 2016, at 4:48 pm. The attachments include "image001.jpg" (4K).

The email content is as follows:

Shri Rajendra Chaturvedi Saheb, 29.11.2016
M.P.P.C.B,
BHOPAL

Kindly note that there was some problem in our online camera display system .
The problem has been attended by the technical experts and new id and passward are being forwarded to you for your kind reference
And doing the necessary changes accordingly at your end.
Thanking you,

Shahzad Khan
General Manager [M & U]

**Gwalior Alcobrew Pvt. Ltd.**
(formerly Gwalior Distillers Ltd.)

Distillers, Blenders & Bottlers
Rairu Farm,
Agra - Mumbai Road,
Gwalior 474 010
Phone: +91-751-2568350
(Board): +91 (751) 2568305 to 2568309
Facsimile: +91 (751) 2568315
Email (Direct) : shahzad.khan@gapl.co.in

Intimation by Ind. about data failure

Subject : HF online monitoring system under maintenance

Dear Sir/Madam

Engineer from M/s Bhoomi analyser (HF Instrument supplier) visited at our site on 04-02-2017 and observed some technical problem in data display card Display card is going with instrument supplier for repairing purpose and will install in a week time

During this period data will not uploading on server

This is for your information and we will inform after data uploading start on server

Regards

Anand Kumar

Coromandel International Ltd

Nimrani (MP)

Plant Shutdown info by Industry

https://mail.nic.in/uwc/webmail/en/mail.html?lang=en&laurel=on&cal=1
mppcb.nic.in National Informatics Centre M...
NICEMAIL(WSRV) ver 5.0

Messaging Service from National Informatics Centre
Welcome ercmppcb

Home Profile Log Out Help

Mail Calendar Address Book Options
Compose Printable

ercmppcb@nic.in
Inbox (344) Previous | Message 2 of 1502 | Next

Delete Reply Reply All Forward Forward Inline Add Addresses Close Move message to folder:

Subject Information about Plant Shut Down and non display of online Monitoring.
From Shahzad Khan <shahzad.khan@gapl.co.in>
Date Saturday, October 29, 2016 11:58 am
To ercmppcb@nic.in
Cc ercmppcb@mp.nic.in
Attachments image001.jpg 4K

K.A.:Shri Rajendra Chaturvedi, 29.10.2016
M.P.P.C.B.,
Bhopal.
Dear Sir,
This is to inform you that our Distillery Plant will be under shut down from today evening onwards for next 8 days and therefore
The online monitoring system will also remain shut for the period as mentioned above.
As soon as we will start our plant we will inform you again.
Thanking You,

Shahzad Khan
General Manager [M & U]



Gwalior Alcobrew Pvt. Ltd.
(formerly Gwalior Distillers Ltd.)
Distillers, Blenders & Bottlers
Rairu Farm,
Agra - Mumbai Road,
Gwalior 474 010
Phone: +91-751-2568350
(Board): +91 (751) 2568305 to 2568309
Facsimile: +91 (751) 2568315

Windows taskbar: 12:02 29-10-2016

Response to SMS Alerts

https://mail.nic.in/uwc/webmail/print.html - Internet Explorer

https://mail.nic.in/uwc/webmail/print.html

Subject	FW: ALERT from Central Pollution Control Board
From	"Tiwari, Sandeep (Narsingarh) IND" <Sandeep.Tiwari@heidelbergcement.in>
Date	Saturday, October 22, 2016 3:20 pm
To	"cpcbalerts@gmail.com" <cpcbalerts@gmail.com> , "ercmppcb@nic.in" <ercmppcb@nic.in>
Cc	"Venkatesan, Rajamanickam (Narsingarh) IND" <Rajamanickam.Venkatesan@heidelbergcement.in>

Dear Sir/Madam,

The high emission for the noted duration is because of the process disturbances in Line-I.

Regards
Sandeep Kumar Tiwari
Dy. Manager- Environment
HeidelbergCement India limited
Mob no. 7354882510

From: Tiwari, Sandeep (Narsingarh) IND
Sent: 20 October 2016 09:16
To: Akhtar, Javed (Narsingarh) IND; Anand, Raman (Narsingarh) IND
Cc: Venkatesan, Rajamanickam (Narsingarh) IND; Jain, Susheel (Narsingarh) IND; Sanyal, Manash (Narsingarh) IND; Singhal, Rajiv (Narsingarh) IND
Subject: RE: ALERT from Central Pollution Control Board
Importance: High

Dear Sir,

As per attached mail, i have received the sms alert from CPCB for kiln/Raw mill-1. Kindly arrange the reply for the same to submit in CPCB.

Regards
Sandeep Kumar Tiwari
Dy. Manager- Environment
HeidelbergCement India limited
Mob no. 7354882510

This e-mail and any files transmitted with it may contain confidential and privileged information are for the sole use of the intended recipient(s).
If you are not the intended recipient, please appraise/notify the sender by reply e-mail and destroy all copies and delete the original message.
Any unauthorized disclosure, dissemination, forwarding, printing or copying of this email or any action taken on this e-mail is strictly prohibited and may be unlawful.

----- Original Message -----
From ALERT from Central Pollution Control Board <cpcbalerts@gmail.com>

Windows taskbar: 11:43 29-10-2016

Intimation even for short duration closure

Dear Sir

With reference to the Online CEMS data Submission procedure at CPCB published at CPCB website, we would like to inform that, due to maintenance (software upgradation) of AAQM station-2 on 26.07.2017, **data of ambient air quality for station 2 will not be available for 3.5 hrs i.e 10:30 hrs to 14:00 hrs** of Bharat Oman Refineries Limited (BORL), Bina (Industry Code: 09MP015).

This is for your kind information please.

Veera prasad Mukka

Manager (Environment) | Bharat Oman Refineries Limited |

Vill. Agasod, Bina, Dist- Sagar, M.P. - 470113 |

Phone 07580 22 6541 | Mob +91 9669 980222 |

E-mail veera.mukka@borl.co.in

CAAQMS stoppage Intimation by industry

Dear Sir,

We would like to inform you that CAAQMS (Near FH-2) data communication is stopped from 05.12.2017 due to computer hard disc failure . We are in process for spares procurement and it will be rectify shortly .

Submitted for information pl.

Regards,

S.R.Jha

Dy. Manager (Environment)

Bhilai Jaypee Cement Ltd

Babupur ,Satna (M.P)

Phone No. 07672-415600/415500

Ext:6142

Mob No. 09575303401

Fax No. 07672-276216

Website:- www.bjcl.co.in

Info by ind regarding resumption

To,
Regional Officer,
MPPCB, Satna.

Dear Sir,

This is to inform you that our BVC Plant kiln, which was under maintenance from 19th Nov 2017, has been restarted today after General Maintenance. This is for your kind information please.

Regards

S D Mukherjee
Sr. V.P.(Tech).
Technical

Birla Corporation Limited
PO Birla Vikas, Dist Satna
MP -485005
Contact No : 07672-412251

Industry's clarification on exceedance of values

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Subject	FW: Need urgent attention: Non-compliance in terms of PM emission during 15th October to 15th November 2016						
From	"Tiwari, Sandeep (Narsingarh) IND" <Sandeep.Tiwari@heidelbergcement.in>						
Date	Tuesday, November 29, 2016 4:02 pm						
To	"ankur.cpcb@nic.in" <ankur.cpcb@nic.in>						
Cc	"ercmppcb@nic.in" <ercmppcb@nic.in> , "cpcbalerts@gmail.com" <cpcbalerts@gmail.com>						
Attachments	Heidelberg.doc						27K

Dear Sir,

The PM emission may exceed its limit due to some process disturbance, observed during Kiln operation. Now our Kiln-1 has shut down from 26.11.2016.

Regards
Sandeep Kumar Tiwari
Dy. Manager- Environment
HeidelbergCement India limited
Mob no. 7354882510

From: ankur.cpcb@nic.in [<mailto:ankur.cpcb@nic.in>]
Sent: 29 November 2016 10:40
To: Tiwari, Sandeep (Narsingarh) IND; Jain, Susheel (Narsingarh) IND
Subject: Need urgent attention: Non-compliance in terms of PM emission during 15th October to 15th November 2016

Sir,
Through online monitoring system (OCEMS) it has been observed that your unit is non-complying with respect to PM emission.

Therefore, hereby you are directed to submit your reply by tomorrow (30.11.2016; Thursday) 11.00 am, against non-compliance of your unit in terms of PM emission for the aforementioned duration as specification provided in the attachment.

Remote calibration of CEMS analyzer in 11 industries

- M/s Jaypee Rewa Cement, Dist. Rewa (08.02.2017)
- M/s Jaypee Sidhi Cement, Dist. Sidhi (09.02.2017)
- M/s Prism Cement, Dist. Satna (08.02.2017 & 18.08.2017)
- M/s ACC :Limited, Dist. Katni (23.02.2017)
- M/s Orient Paper Mill, Dist. Shahdol (19.04.2017 & 07.03.2018)
- M/s KJS Cement, Dist. Satna (05.05.2017)
- M/s Birla Corporation Ltd., Dist. Satna (23.05.2017)
- M/s Ultratech Cement, Dist. Neemuch (15.06.2017)
- M/s Reliance Cement Ltd., Dist. Satna (17.11.2017)
- M/s Heidelberg Cement, Dist. Damoh (16.01.2018 & 23.03.2018)
- M/s Grasim Industries, Dist. Ujjain (22.02.2018)

The calibration was successful in majority of the cases but in few cases the calibration process was partially successful/failed

Emergency Response Centre

(M.P. Pollution Control Board)

Sector E-5, Arera Colony

Bhopal – 462016, India

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E.mail : ercmppcb@nic.in

Web : www.erc.mp.gov.in

Thank You



Madhya Pradesh Pollution Control Board
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