

**Department of Science and Technology,
Govt of Gujarat
Welcomes all Delegates
in the**

**Regional e-Governance
Knowledge Sharing Summit**

5-6 June 2009, Hyderabad

**Jointly Organized by CSI, Govt of A.P., NISG, and
CGG, Hyderabad**

Gujarat pollution control Board

Set up

- 1 Head office
- 13 Regional offices

Hardware

- All Regional Offices has LAN with 12 to 15 nodes with Broadband internet connectivity
- Head office has 72 nodes with GSWAN connectivity

A success story

An On line application

Xgn – Xtended green node

at

GUJARAT POLLUTION CONTROL BOARD

DEVELOPED BY

National informatics center, GUJARAT

Objectives

- **Standardization and speedy disposal of CTE-CCA**
- **Transparent e-movement of applications**
- **Decision on Consent within stipulated time limit**
- **Monitoring related to Air, Water and Waste**
- **e-history of past inspections and samplings**
- **Compliance monitoring with the help of xgn**

Objectives (Contd.)

- **Creating database**
- **Air Quality / GEMS / MINAR / AAQM**
- **Timely alert of renewal / expiry of CCA**
- **Tracking of Hazardous and Bio-Medical waste**
- **E-talk between HO, RO and with the industries**
- **Public complaint redressal system**

Background

- **xgn is being developed by NIC in close coordination with Board**
- **First module launch on 5th June 2008 and subsequently new modules are added**
- **At present 11 modules are developed and being used extensively**
- **13 Regional Office and Head Office at are electronically connected**

Background (Contd.)

- Database of more than 17000 industries and
- More than 25000 Health care unit (BMW)
- Among 120 Technical users average 75 users are daily logged in.
- Among 125 Scientists average 70 are daily logged in.
- Among more than 17000 industries more than 700 industries are daily logged in.

XGN - in use modules

- **Industry Profile**
- **Online application module**
- **Application Scrutiny system**
- **e-file movement**
- **Inspection**
- **Sample Analysis**
- **Accounting**
- **GPCB/CPCB Projects**
- **Hazardous waste tracking**
- **Bio-Medical**

XGN Under development Modules

- **Legal**
- **Public grievances / complaints redressal system**
- **Municipal Solid Waste**
- **Water Cess**
- **General File movement**

Compliance with e-governance concepts

- G2G
- G2C
- G2B
- G2E

G2G Services

- **Health Dept. is beneficiary of BMW module.**
- **183 local bodies are by MSW module**
- **Inventory of**
 - **Hazardous Waste**
 - **Municipal Solid waste**
 - **Bio Medical waste**
- **important base for decision by**
 - **industries department,**
 - **Planning department,**
 - **Water resources department etc.**

G2C

- **In case of any Accident/disasters Bulk sms to a ground of end users**
- **Sector / Product wise list of industries**
- **Monitoring of Public complaints**
- **Specialty Hospitals for various type of input conditions**

G2B

- **Online CTE/CCA applications with all desired annexure like**
 - **Factory plan,**
 - **Manufacturing Process,**
 - **ETP details etc in PDF format**
- **Status of application through sms at 8 different stages of approvals**
- **Online queries on net as well as reply**
- **User can print their own bills, receipts , assessment orders, results of analysis**
- **Alerts towards any expiry of consent / Payment due date / Annual returns / Reports**

Benefits

- **Standardisation come in to place at all RO n HO**
- **No physical file movement for approval of CTE/CCA for**
 - **Large, Medium and Small Green category,**
 - **Large, Medium and Small Orange and**
 - **Small RED**
- **BMW Authorisation**
 - **Entire module is developed online,**
- **Substantial increase in numbers of**
 - **CCA applications,**
 - **Industrial Monitoring and**
 - **Sampling**
- **Effective monitoring of CETPs, TSDFs, CBWTFs**

open for 24x7

TO

- Implementing Authority (GPCB)

- Users

Staff of GPCB,

Industries,

Health care units,

TSDFs,

CBMWTFs,

CETPs,

Urban local bodies

- <http://gpcb.guj.nic.in>



Gujarat Pollution Control Board

XGN - Xtended Green Node

Pls Press F11 to see Full View / Best View 800 x 600 / Pls PUT C

XGN Registration

Select - Download Files

:-: xgn Login Please :-:

User name / ID

Password

Submit



- BMW Id-Pwd New !**
- New Industry**
- BMW Short Cut New !**
- Public Complaint**



P.J.VACHHAN,EE

Gujarat Pollution Control Board

Daily Operations

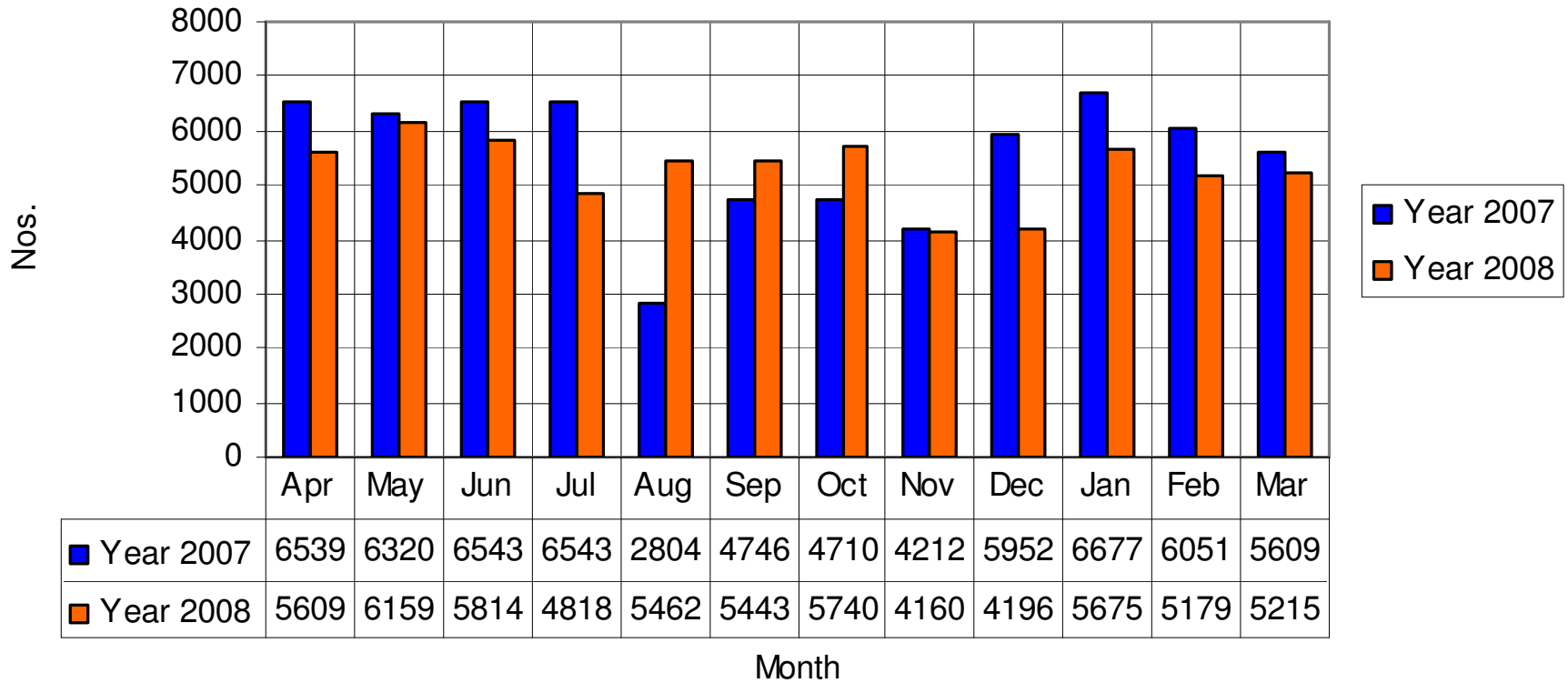
Sample **CTE-CCA** **GPCB Id** **Insp ID** **Logout** **Menu**

* Industry : Gujarat State Electricity Corporation Ltd (G	RO : Nadiad RO	File No.: AND/KH-833
Survey Plot : --	Consent : AWH-31743	Up to: 21/10/2013
Address 1 : --	Status : Granted	Act : CCA
Address 2 : --	Last Insp. : 03/03/2009	Insp. Type Routine Visit
Town : DHUVARAN	PIN : 388610	Air <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Hazd <input checked="" type="checkbox"/>
*District : Anand	*Taluka : Khambhat	CETP Name NOT a CETP Member
GIDC : Not In Gidc	Phone: 9925210983	Main TSDF Nandesari Enviro Cntl Ltd.BARODA [22333]

GPCB ID No :32552

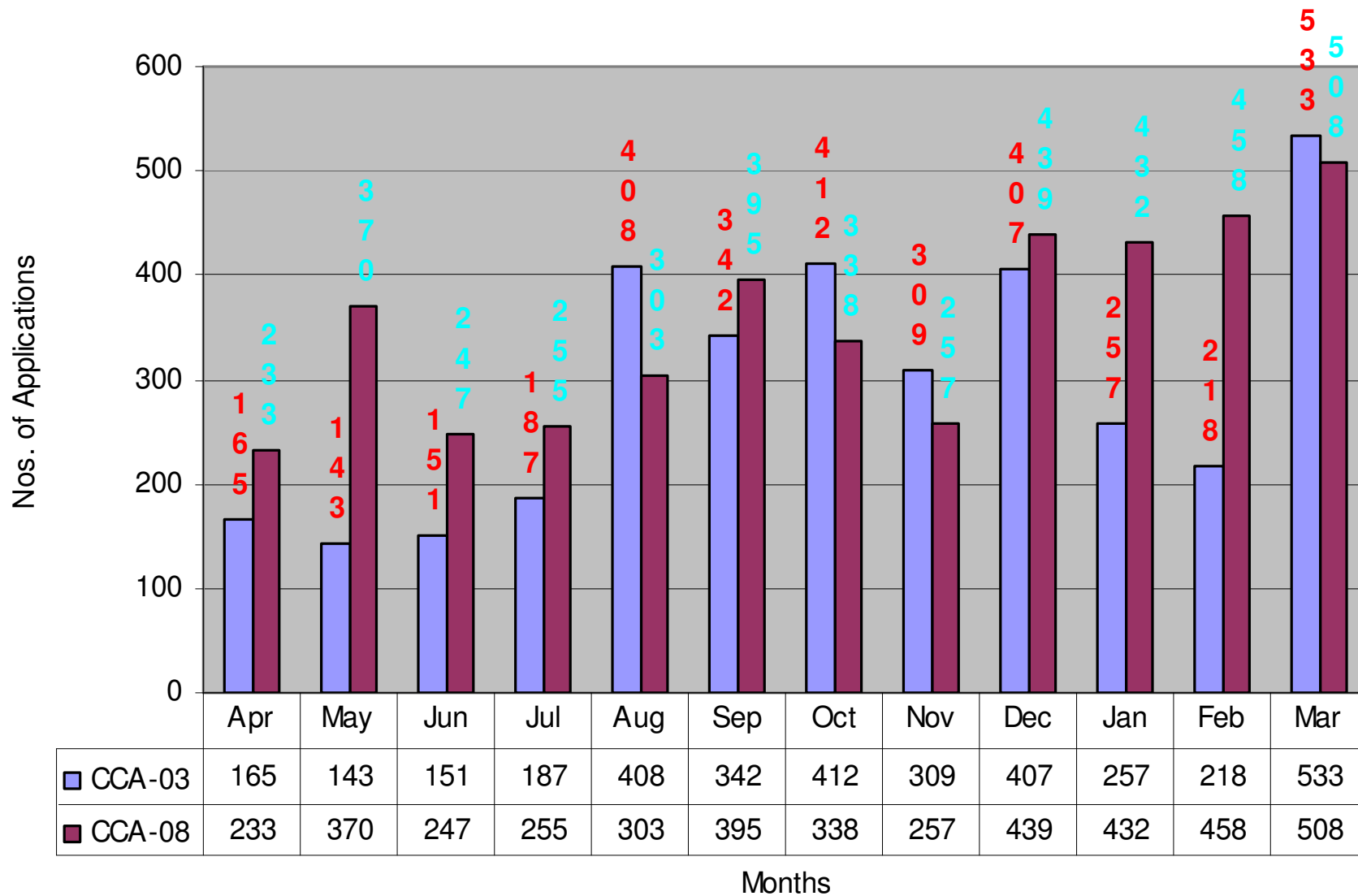
PDFs (18) Select	Insp Inspections	Samp
*Industry Select	Category Red	Status In Operation
Power(Boiler)	WATER	HAZARDOUS
Fuel Used M	In to sea through pond	HAZ Type : Select
Emission : SO2,p,m,NOX,	On Land	Haz Rules 2003 Select
Pollutants: SO2,p,m,NOX,	<input checked="" type="checkbox"/> P-Correction cum Equalization <input checked="" type="checkbox"/> P-Nuetralization <input checked="" type="checkbox"/> Primary	Sch 1: 15.1,33.3,34.2,5.1,5.2
Stacks : BOI,OTH,	Industry Domestic	Sch 2 :
APCM : N.A,NOT,	WC 23461	Disposal Mode :
Inc for :	WWG 15204	Remark :
A-6, ETP, H-5, Prod-1	336 klpd	Any other Remarks
View Prf	194 klpd	

Total Post Inward at Head Office



Year 2008-09 in addition to above 4235 CCA + 1323 CTE + 24521 inspection received online.

CCA application of 2003 and 2008



CTE application of 2003 and 2008

