CEMS JOURNEY IN
SPCB, ODISHA

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Issue of Direction by CPCB

• The direction issued by CPCB on February 05, 2014 vide order no 5382
• To install online continuous Stack Emission Monitoring Systems (CSEMS) in 17 category highly polluting industries
• Dead line was March 31, 2015
• Industry has to submit Bank Guarantee of 25% of the cost of installation
Action of SPCB

- In the direction there were 65 industries from Odisha
- Out of these 05 were closed
- TO MEET THE DEADLINE 31st March, 2015

There were three major challenges before SPCB, Odisha
1. To finalise the stacks where online instrument to be installed
2. To finalise the parameter
3. To finalise the bank guarantee amount
1. To finalise the stacks where online instrument to be installed

- There are many stacks in a big industry, viz RSP has more than 40 stacks
- It is not possible to do online monitoring at all the stacks viz. stack of a DG set, stack to the bag filter of small capacity
- The Senior officers discussed and then finalized the major stacks of each industry
2. To finalise the parameter

- CPCB has provided the parameters in each category of industry in the 5th Feb. 2015 direction.
- Still then there was a need of review of it.
- Like cement grinding unit objected for monitoring of NOx and SO$_2$.
- With concern of CPCB the parameters are finalised.
3. To finalise the Bank Guarantee (BG) amount

- It was the most critical part to finish all before deadline
- Because the units have their own procedure to do it specifically in financial matter
- And it would take time to submit the BG
- So SPCB Odisha from its own side took the feedback on price of installation of CSEMS
- Then we decide at an average price i.e. PM (6 lakh), SO\(_2\) (8 lakh), NO\(_x\) (8 lakh)
- Basing on this price SPCB, Odisha asked the industries to submit the BG
- Simultaneously industries submitted BG
2nd Phase of Deadline

- In between this the deadline shifted to 30th June 2015
- And SPCB, Odisha was in the way of finishing installation before deadline
- Instructed all the Regional offices to complete the inspections on CSEMS by July 2015
- By that time there was a meeting in CPCB and discussed on shifting the deadline
- We waited till Sept Oct. 2015 for further direction of CPCB
- And when did not get any response SPCB proceeded
• All the Inspection reports verified and cross checked at HO
• And action initiated
  1. Consent renewed and BG released (who has completed CSEMS work)
  2. BG fully forfeited
  3. BG partly forfeited
## Present Status of Online BG

<table>
<thead>
<tr>
<th></th>
<th>Numbers of BG obtained</th>
<th>132 (17 category-41 + Sponge Iron 91)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Numbers of BG fully forfeited</td>
<td>17 (Sponge Iron)</td>
</tr>
<tr>
<td>3</td>
<td>Numbers of BG partly forfeited</td>
<td>18 (17 category-8 + Sponge Iron 10)</td>
</tr>
<tr>
<td>4</td>
<td>Numbers of BG already released</td>
<td>83 (17 category-27 + Sponge Iron 56)</td>
</tr>
<tr>
<td>5</td>
<td>Numbers of BG pending for disposal</td>
<td>14 (17 category-6 + Sponge Iron 8)</td>
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</tbody>
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NB – 14 have already installed but connectivity not yet done, BG keep on renewing.