

## Industrial Air Emission Inventory

A	<i>Industry identifying information</i>	
No.	Item	Value
1.	Industry name	
2.	Phase & plot (Address field 1)	
3.	Industrial estate (Address field 2)	
4.	City & pin (Address field 3)	
5.	Industry file number at PCB	
6.	Date of survey	[ ][ ]/[ ][ ]/[ ][ ]
7.	Time of survey (24-hour)	[ ][ ]:[ ][ ]

B	<i>Industry certification</i>	
No.	Name of Officer	Designation & Contact Number
1.		
2.		
<p><i>As representative of _____, I certify that the information provided herein is true and correct.</i></p>		
3.	Name of signatory	
4.	Designation & contact number of signatory	
5.	Signature of signatory	
6.	Company stamp	

## Industrial Air Emission Inventory

C	<i>Industry details</i>	
No.	Item	Value
1.	Registration number	
2.	Year of plant opening	
3.	Sector of industry	
4.	Principal products	
5.	Consent under <i>Tick all that apply</i>	1. <input type="checkbox"/> Air Act 2. <input type="checkbox"/> Water Act 3. <input type="checkbox"/> Consolidated consent
6.	Conditions of consent <i>Attach Consent details on concentration norms for air pollutants and APCM / CEMS requirements</i>	1. <input type="checkbox"/> Yes, Consent terms attached: _____
7.	Whether public or private	1. <input type="checkbox"/> Public 2. <input type="checkbox"/> Private
8.	Size category	1. <input type="checkbox"/> Small-scale 2. <input type="checkbox"/> Medium-scale 3. <input type="checkbox"/> Large-scale
9.	Total capital investment in plant & equipment	
10.	Total number of production employees & laborers at plant	
11.	Total number of management and supervisory employees at plant	

## Industrial Air Emission Inventory

D	<b>Stack Inventory</b>			
<i>This section lists Stack Identifier and Dimensions for all stacks. Please list stack inventory on this sheet and attach Sections E, Stack Detail Sheet, for each stack listed here.</i>				
No.	Stack Identifier & Page No.	Height (m)	Diameter (m)	Fan/blower capacity (cfm, m3 / hr)
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
<i>Continue on additional sheet as necessary.</i>				

## Industrial Air Emission Inventory

E	<i>Stack Detail Sheet - Emissions, Fill Stack No: &lt; &gt;</i>			
<p><i>This section contains details of emissions for each stack listed in the Stack Inventory. List emissions parameters for three most recent monitorings. If emissions monitored continuously, list emissions values at last three 30-day intervals.</i></p>				
<b>Stack emissions parameters</b>				
No.	Parameter	Monitoring 1	Monitoring 2	Monitoring 3
1.	Date of monitoring			
2.	Time of monitoring			
3.	Exit gas temperature (degrees C)			
4.	Discharge flow (m <sup>3</sup> / hour)			
5.	Discharge velocity (m / sec)			
6.	SO <sub>2</sub> concentration			
7.	NO <sub>x</sub> concentration			
8.	NO <sub>2</sub> concentration			
9.	SPM concentration			
10.	CO <sub>2</sub> concentration			
11.	VOCs			



Industrial Air Emission Inventory

2.		
3.		
4.		
5.		
6.		

## Industrial Air Emission Inventory

<b>G</b>	<b>Stack Detail Sheet - Process, Fill Stack No: &lt; &gt;</b>	
<p><i>This section lists Process Summary / Input Materials and Detailed Description Page number of processes linked to the stack. Please list consumption of inputs for last 12 months.</i></p> <p>Describe each process including</p> <ul style="list-style-type: none"> <li>• Feed Consumption Report - continuous basis</li> <li>• Process Parameters Monitored at Input and Output of the Process - continuous basis</li> </ul> <p>Attach additional process flow diagrams or descriptions as needed.</p>		
<b>Process details</b>		
No.	Process name / identifier & Attachment Page No.	Description (nature of process, inputs and outputs, indication of what process parameters monitored at inlet and outlet)
1.		
2.		
3.		

## Industrial Air Emission Inventory

<b>H</b>	<b>Fuel Consumption Overview</b>
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*Please list fuel consumption over last 12 months.*

**Process details**

1.	<p>Which of the following fuels has your industry used in the past one year?  <i>(Tick all that apply. If fuel is biomass other than wood, fill type of biomass.)</i></p>	<ol style="list-style-type: none"> <li>1. Coal</li> <li>2. Coke</li> <li>3. Lignite</li> <li>4. Light Diesel Oil (LDO)</li> <li>5. Residual Fuel Oil (RFO)</li> <li>6. Liquefied Petroleum Gas (LPG)</li> <li>7. Liquefied Natural Gas (LNG)</li> <li>8. Natural Gas</li> <li>9. Wood</li> <li>10. Biomass (other than Wood)</li> </ol> <p style="margin-left: 40px;">Type of biomass : .....</p> <p>98. Other: .....</p>
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*For every fuel that industry has used in last 12 months, mark in question above and attach*

- 1) *fuel consumption table on a monthly basis*
- 2) *fuel parameters monitored on a monthly basis*
- 3) *fuel analysis report.*

*Attach details for all fuels consumed and indicate page number of table attached.*

No.	Fuel	Total Consumption	Detailed consumption table and parameters attached:
1.			2. Yes, page / table: _____
2.			1. Yes, page / table: _____
3.			1. Yes, page / table: _____

## Industrial Air Emission Inventory

J	<b>Raw Material Inputs</b>		
<p><i>What raw material did the plant use over last 12 months?</i>  <i>Detailed Page Number : (attach in the format available)</i>                      1. <i>Raw Material Consumption report - continuous basis</i>                      2. <i>Parameters Monitored (Temp, Flow, Level) - continuous basis</i></p>			
No.	Raw Material	Quantity Used	Detailed Page number
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
<p><i>Continue on additional sheet as necessary.</i></p>			

## Industrial Air Emission Inventory

K	<i>Product Outputs</i>		
<p><i>What products did your industry produce over the last 12 months</i>  <i>Detailed Page Number : (attach in the format available)</i></p> <ol style="list-style-type: none"> <li><i>1. Product Output report - continuous basis</i></li> <li><i>2. Parameters Monitored (Temp, Flow, Level, Pressure) - continuous basis</i></li> </ol>			
No.	Product	Quantity Produced	Units of Quantity
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
<p><i>Continue on additional sheet as necessary.</i></p>			