	Section A: Industry Information	
A1.	****Start Time**	|___|___|hrs|___|___|mins
A2.	****Date***(DD/MM/YYYY)*	**|___|___|/|___|___|/ 20**|___|___|
A3.	****Industry ID**	**GJS_** ___|___|___|
	Display Prefilled Industry Information	
	Industry Name	
	Industry Address	
	Cluster	
	Pincode	|__ __ __ __ __ __|
	GPCB ID	
A4.	**Is this information correct?**	☐ Yes ☐ No ***→ Re-enter prefilled industry information***
A5.	**Telephone number(s)**	___|___|___|___|___|___|___|_des *oth* l4_cmnts, f varlist__|___|___|
A6.	**Email Address(es)**	
A7.	**GPS Coordinates** *(Record to 10m accuracy)*	

	Section B: Survey Information			
B1.	**Surveyor Names**		**Surveyor Codes**	___|___| ___|___|
B2.	**Supervisor name**		**Supervisor Code**	___|___|
B3.	**Environmental Lab**	*Name of Lab*		
		Name of Employee		
		Lab team code	___|___|	
B4.	**Energy Consultant**	*Name of Consultant*		
		Name of Employee		
		Consultant team code	___|___|	
B5.	**Industry respondents** *(Please enter the name and contact details of any industry employees that answered questions)*	**Name**	**Designation**	**Contact Number**

Section C: Industry Description

C1.	**Is the industry operating and at maximum production load at the time of visit?**	1. ☐ Yes ***→skip to C3*** 2. ☐ No, operating at partial load ***→skip to C1.1*** 3. ☐ No, not in production due to ***→skip to C1.2***	
C1.1.	**If operating at partial load,**	Current Load (%)	|_|_|
		Reason	***→skip to C3***
C1.2.	**If not operational,**	1. ☐ No: power outage / power cycling 2. ☐ No: seasonal closure / monsoon 3. ☐ No: industry temporarily closed due to market slow down 4. ☐ No: SPCB closure 5. ☐ No: other (specify) ……	
C2.	**When is the industry expected to start operating and producing normally?**	1. ☐Expected Date: |_D_D_|/|_M_M_|/20|_Y_Y_| 2. ☐ Industry closed permanently **-> skip to L1.**	
C3.	**Are there other industrial units in this state owned by the same owner/parent group as this industry?**	1. ☐ Yes Industry Name 1…… Industry Name 2…… Industry Name 3 …… Industry Name 4 …… 2. ☐ No	
C4.	**Corporate Identification Number (CIN#):**	**Is this information correct?**	☐ Yes ☐ No ***→ Re-enter correct CIN#***
C5.	**Primary sector of the Industry** *(as recorded on the environmental consent)*	1. ☐ Dye manufacturing 2. ☐ Food and Breweries 3. ☐ Paper 4. ☐ Textiles (dyeing and/or printing) 5. ☐ Other (specify) _____	
C6.	**Pollution Category** *(as recorded on the environmental consent)*	1. ☐ Red 2. ☐ Ultra Red 3. ☐ Orange 4. ☐ Green	

C7.	**Size** *(as recorded on the environmental consent)*	1. ☐ Small-scale 2. ☐ Medium-scale 3. ☐ Large-scale	
C8.	**First year of industry operation?**	|___|___|___|___|	
C9.	**Number of shifts in the Plant** *(Please fill using 24-hour time)*	Timing: 1. [ ][ ] : [ ][ ] to [ ][ ] : [ ][ ] 2. [ ][ ] : [ ][ ] to [ ][ ] : [ ][ ] 3. [ ][ ] : [ ][ ] to [ ][ ] : [ ][ ] 4. [ ][ ] : [ ][ ] to [ ][ ] : [ ][ ] 5. [ ][ ] : [ ][ ] to [ ][ ] : [ ][ ]	
C10.	**Number of work days per year**	|___|___|___|	
C11.	**Is industry ISO 9001 certified?**	1. ☐ Yes 2. ☐ No	
C12.	**Is industry ISO 14001 certified?**	1. ☐ Yes 2. ☐ No	
C14.	**Months during which industry was not in production, over the last financial year** *(Select all that apply)*	☐ April 2017 ☐ May 2017 ☐ June 2017 ☐ July 2017 ☐ August 2017 ☐ September 2017 ☐ October 2017 ☐ November 2017	☐ December 2017 ☐ January 2018 ☐ February 2018 ☐ March 2018 ☐ None
C15.	**Gross sales revenue (i.e. turnover) in financial year 2016-2017**		☐ Lakh ☐ Crore ☐ Other
C16.	**Gross sales revenue (i.e. turnover) in financial year 2017-2018**		☐ Lakh ☐ Crore ☐ Other
C17.	**Name of electricity provider for this industry**		
C18.	**Address of electricity provider for this industry**		

C19.	**Industry's current electricity contract demand**	**Contract Demand** *(value)*	**Units**	**Category**
		–	1. ☐HP 2. ☐kVA 3. ☐kW 4. ☐ Other	1. ☐HT 2. ☐LT 3. ☐Other: ……
C20.	**Annual electricity consumption for this industry for financial year 2016-2017**	**Metered Demand** *(kWh)*		**Total Bill** *(rupees)*
			--	
C21.	**Annual electricity consumption for this industry for financial year 2017-2018**		--	

Section D: Industry Fuel Consumption

D1.	**Fuels burnt by this industry in the last 12 months** *(Select all that apply)* *Interviewer Note: probe for fuel burned in all fuel-consuming machinery, including boilers, thermo-packs, thermic fluid heaters, furnaces, kilns, DG sets, and other components*	**1.** ☐ Coal (Indian);Specify Grade _____ **2.** ☐ Coal (Imported);Specify Country _____ **3.** ☐ Coke **4.** ☐ Lignite **5.** ☐ Pet Coke **6.** ☐ Other Solid Fuel *(specify)*: _____ **7.** ☐ Wood **8.** ☐ Bagasse **9.** ☐ Rice Husk **10.** ☐ Other Biomass *(specify)*: _____ **11.** ☐ Crude Oil **12.** ☐ LDO (Light Diesel Oil) **13.** ☐ Fuel Oil (Residual Fuel Oil) **14.** ☐ Furnace Oil **15.** ☐ Diesel (Diesel/High Speed Diesel) **16.** ☐ LSHS (Low Sulphur Heavy Stock) **17.** ☐ Other Liquid Fuel *(specify)*: _____ **18.** ☐ Natural Gas **19.** ☐ Gaseous Fuels *(specify)*: _____ **20.** ☐ Mix Indian + Imported Coal **21.** ☐ Mix Indian Coal + Wood **22.** ☐ Mix Lignite + Wood

Fuel Module (To be completed for each fuel checked in D1)

D2.1	**Which of the following fuel-consuming machinery uses this fuel?** **(select all that apply)**	**1.** ☐ Boiler **2.** ☐ Thermo-Pack/Thermic Fluid Heater **3.** ☐ Furnace/Kiln **4.** ☐ DG Sets **5.** ☐ Others; _____		
D2.2	**How many months per year do you use this fuel?**			
D2.3	**During which months do you use this fuel?**	**1.** ☐ January **2.** ☐ February **3.** ☐ March **4.** ☐ April **5.** ☐ May **6.** ☐ June **7.** ☐ July **8.** ☐ August **9.** ☐ September **10.** ☐ October **11.** ☐ November **12.** ☐ December		
D2.4	**Which supplier(s) did you purchase the fuel from in the last financial year?** *(list the three main suppliers only)*	**Name**	**Contact**	
		1.		
		2.		
		3.		
D3.1	**Is the latest fuel analysis report available?**	1. ☐ Yes 2. ☐ No → **skip to D3.5**		
D3.2	**Please take a picture of the fuel analysis report**			
D3.3	**Gross Calorific Value of the fuel**		**Units:**	1. ☐ kcal/kg 2. ☐ kJ/kg
D3.4	**Net Calorific Value of the fuel**		**Units:**	1. ☐ kcal/kg 2. ☐ kJ/kg
D3.5	**Do you have a closed/covered dust free system to store and convey the fuel?**	1. ☐ Yes 2. ☐ No		

D4.1	**Monthly Fuel consumption for last financial year** (Fill in fuel consumption. If not available, fill in purchase information (e.g. Fuel Bills in Rs.). If no consumption or purchases, please enter 0)		
	Month/Year	**Consumption/Purchase***(only numeric values)*	**Unit of Measurement**
	April 2017		**1.** ☐ Tonnes **2.** ☐ Litres **3.** ☐ Cubic Feet **4.** ☐ SCM **5.** ☐ **Other**
	May 2017		
	June 2017		
	July 2017		
	August 2017		
	September 2017		
	October 2017		
	November 2017		
	December 2017		
	January 2018		
	February 2018		
	March 2018		
	April 2018		
	May 2018		
	June 2018		
	July 2018		
	August 2018		
	September 2018		

D4.2	**Annual fuel consumption and purchase for the <u>last two financial years</u>** *(note in comments any unusual events that might account for fluctuation, such as months closed)*				
	Year	**Consumption**	**Unit of Measurement** *(same units as D4.1)*	**Total Cost**	**Unit of Measurement**
	2017-2018		**1.** ☐ Tonnes **2.** ☐ Litres **3.** ☐ Cubic Feet **4.** ☐ SCM **5.** ☐ **Other**	.....	☐ **Rupees** ☐ Lakh ☐ Crore ☐ **Other**
	2016-2017		**1.** ☐ Tonnes **2.** ☐ Litres **3.** ☐ Cubic Feet **4.** ☐ SCM **5.** ☐ **Other**	.....	☐ **Rupees** ☐ Lakh ☐ Crore ☐ **Other**

	Section M: Industry Perception	
M1.	**Over the last 12 months, how many times did GPCB visit your plant?**	
M2.	**Over the last 12 months, how many times did GPCB take stack samples at your plant?**	
M3.	**Over last 12 months, did you receive any of the following notices?** *(Select all that apply)*	1. □ Show Cause Notice 2. □ Closure warning 3. □ Closure Notice 4. □ Electricity disconnection notice 5. □ Other Notice 6. □ Verbal communication from regulator 7. □ None of the above
M4.	**In which of the following ways does GPCB gather information on pollution at your industry?** *(Select all that apply)*	1. □ GPCB inspections 2. □ Environmental audit reports 3. □ Visual Inspections from outside 4. □ Citizen or industry complaints 5. □ CEMS data 6. □ Stack CCTV Camera 7. □ Other criteria 8. □ Don't know
M5.	**When GPCB takes action against a plant, such as Show Cause or Closure notice, what of the following information sources would be cited for that action?**	1. □ GPCB inspections 2. □ Environmental audit reports 3. □ Visual Inspections from outside 4. □ Citizen or industry complaints 5. □ CEMS data 6. □ Stack CCTV Camera 7. □ Other criteria 8. □ Don't know
M6.	**Do you have CEMS installed for PM?**	1. □ Yes, installed 2. □ Purchased but not installed ***→ Skip to M14.*** 3. □ No, have not purchased CEMS ***→ Skip to M14.***
M7.	**How often do you look at the readings from CEMS?**	1. □ More than once per day 2. □ Once per day 3. □ Once per week 4. □ Once per month 5. □ Less than once per month 6. □ Never
M8.	**Do you use the CEMS Website or App?**	1. □ Yes 2. □ No ***→ if no, skip to M10***
M9.	**How often do you use the CEMS Website or App?**	1. □ More than once per day 2. □ Once per day 3. □ Once per week 4. □ Once per month 5. □ Less than once per month 6. □ Never
M10.	**In the past 3 months, how many times have you received an SMS/Email from GPCB about your CEMS emission readings?**	
M11.	**In the past 3 months, how many times have you received a letter from GPCB about your CEMS emission readings?**	

M12.	**Over the last 12 months, how many times did your CEMS Vendor visit your plant?**	
M13.	**Over the past month, how many times was your CEMS probe cleaned?**	
M14.	**Suppose that pollution readings for particulate matter concentration were reported both by CEMS and manual sampling. Which would you consider more reliable?**	□ CEMS □ Manual sampling □ Both about equally reliable □ Don't know
M15.	**Thinking about the last week, about how high on average would you say your PM emissions have been?**	_____ mg/Nm3
M16.	**What level of PM emissions concentration would you consider as compliant with applicable norms?**	

	Section L: Survey Notes	
L1.	****End Time**	|___|___|hrs|___|___|mins
L2.	**How many people were present at the time of the interview?**	|___|___|
L3.	**Are you satisfied with the answers given by the respondent(s)?**	☐ Yes ☐ No
L4.	**Do you have any other comments?**	
L5.	****Survey Status Code**	*1.* ☐ **SS01** – *Complete* 2. ☐ **SS02** – *Partially Complete* *3.* ☐ **SS03** – *Respondent Unavailable* 4. ☐ **SS04** – *Industry temporarily closed* *5.* ☐ **SS05** – *Industry permanently closed* 6. ☐ **SS06** – *Industry not found* 7. ☐ **SS07** – *Did not consent* 8. ☐ **SS08** – *Refused to complete survey*