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)**	___|___|___|___|___|___|___|___|___|___|
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	___|___|	

		Name	Designation	Contact Number
B5.	**Industry respondents** *(Please enter the name and contact details of any industry employees that answered questions)*			

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**	

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

		Name	Contact
D2.4	**Which supplier(s) did you purchase the fuel from in the last financial year?** *(list the three main suppliers only)*	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		
	May 2017		
	June 2017		
	July 2017		
	August 2017		
	September 2017		
	October 2017		
	November 2017		**1.** ☐ Tonnes
	December 2017		**2.** ☐ Litres
	January 2018		**3.** ☐ Cubic Feet
	February 2018		**4.** ☐ Rupees
	March 2018		**5.** ☐ SCM
	April 2018		**6.** ☐ Other
	May 2018		
	June 2018		
	July 2018		
	August 2018		
	September 2018		

	Annual fuel consumption and purchase for the last two financial years *(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**
D4.2	**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*