	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_name*
	Industry Address	Industry_address
	Cluster	*Cluster*
	GPCB ID	*gpcb_id*
	Industry Size	*Size*
A4.	**Is this information correct?**	□ Yes □ No, Re-enter prefilled industry information
A5.	**Telephone number(s)**	___|___|___|___|___|___|___|___|___|___|
A6.	**Email Address(es)**	

	Section B: Survey Information			
B1.	**Surveyor Name**		**Surveyor Code (calc field)**	___|___|
B2.	**Supervisor name**		**Supervisor Code (calc field)**	___|___|
B3.	**Total number of respondents Present**	**[numeric field]**		
B4.	**Industry respondents** (Please enter the name and contact details of any industry employees that answered questions)	**Name**	**Designation**	**Contact Number**

Section C: Industry Description		
Note: This section covers industrial unit information		
C1.	**Is your industry operational?**	1. □ Yes, skip to C2 2. □ No, not in production
C1.1.	**If not operational,**	1. □ No: power outage / power cycling, skip to Section P 2. □ No: temporarily closed due to market slowdown, skip to Section P 4. □ No: GPCB/CPCB closure, skip to Section P 5. □ No: not in production due to the Covid pandemic, skip to Section P 6. □ No: Permanently closed, Skip to Section P. 7. □ No: other (specify) ……, skip to Section P

C2.	**Number of daily shifts during FY 2020-21**		
C3.	**Specify the duration of each shift**		|___|___|hrs
C4.	**Number of work days during FY 2020-21**		|___|___|___|
Industry Inputs Module (Labour and Raw Materials)			
	Note: This section consists of information pertaining to consumption of raw materials and labour usage in plant operations.		
	Average Monthly Staff Count for FY 2020-21		
C5.	**What was the average daily staff count for the FY 2020-21?**		
	Office Staff	**Total Staff**	
	No. of Managers		
	No. of Accountants		
	No. of Clerks		
C5.1	**Average Salary Range of office staff per month**	Min: ___ Max: ___	
	Dyeing House (Process) Staff	**Total Staff**	
	No. of Masters		
	No. of In-charges		
	No. of Supervisors		
	No. of Operators		
	No. of Helpers		
C5.2	**Average Salary of dyeing house staff per month**	Min: ___ Max: ___	
	Boiler House (Technical) Staff	**Total Staff**	
	No. of Engineers		
	No. of Boiler Masters		
	No. of Technicians		
	No. of Operators		
	No. of Helpers		
C5.3	**Average Salary of boiler house staff per month**	Min: ___ Max: ___	
	Raw Materials and Inputs used during Process (FY 2020-21)		
D1.	**Primary Sector of the Industry**	1. □ Job Works, Yarn and Fabric Dyeing/Printing, Dye Manufacturing, Skip to D1.1 2. □ Paper, Skip to D1.2 3. □ Fabric and Yarn Dyeing/Printing, Skip to D1.3 4. □ Other (specify) _____ Skip to D1.1.1 (only one roster repetition)	
D1.1	**For Options 1 of D1**		
D1.1.1	**Average water consumption per day during FY 2020-21**	_____ Kilolitres	_____ Rs. /Kilolitre

D1.1.2	**Total production per day**	_____ Metre _____ Kg _____ Tonne	
D1.1.3	**Average cost of chemical per metre during FY 2020-21**	_____Rs. /metre	
D1.1.4	**Average chemical consumption per day**	_____ Kg _____ Litre	_____ Rs. /Kg _____Rs. /Litre
D1.2	**For option 2 of D1**		
D1.2.1	**Types of Raw Materials used for Paper industry during FY 2020-21**	1. □ Waste Paper 2. □ Wood Chips 3. □ Others, specify _____	
	D1.2.2 – D1.2.5 to be repeated previous selection number of times		
D1.2.2	**Average consumption of Raw Material per day during FY 2020-21**	_____ kg	_____ Rs. /kg
D1.2.3	**Average water consumption per day during FY 2020-21**	_____ Kilolitres	_____ Rs. /Kilolitre
D1.2.4	**Total production per day**	_____ Kg _____ Tonne	
D1.2.5	**Average chemical consumption per day during FY 2020-21**	_____ Kg _____ Litre	_____ Rs. /Kg _____Rs. /Litre
	For option 3 of D1		
D1.3.1	**Is it a job works as well as a dyeing/printing industry?**	□ Yes □ No	
D1.3.2	**Types of Raw Materials used for Dyg. and Ptg. during FY 2020-21**	1. □ Cotton/Grey 2. □ Silk 3. □ Nylon 4. □ Polyester 5. □ Acrylic 6. □ Rayon/Bemberg 7. □ Yarn 8. □ Velvet 9. □ Other (specify) _____	
	D1.3.3 – D1.3.7 to be repeated previous selection number of times		
D1.3.3	**Average consumption of Raw Fabrics per day during FY 2020-21**	_____ Metre _____Kg [Provide options for units]	_____ Rs. /metre _____Rs./Kg [Provide options for units]
D1.3.4	**Average water consumption per day during FY 2020-21**	_____ Kilolitres	_____ Rs./Kilolitre
D1.3.5	**Total production per day**	_____ Metre _____ Kg _____ Tonne	
D1.3.6	**Average cost of chemical per metre during FY 2020-21**	_____Rs. /metre	
D1.3.7	**Average chemical consumption per day**	_____ Kg _____ Litre	_____ Rs. /Kg _____Rs. /Litre
	For option 1 to 4 of D1		
D1.4	**Do you have other comments?**		
D2.1.1	**Does your industry have an effluent treatment plant?**	□ Yes, Ask D2.2.2 □ No, Skip to Section E	

D2.1.2	**Do you know type of chemicals used in the ETP of your plant?**	□ Yes, Ask D2.2.3 □ No, Skip to Section E	
D2.1.3	**Average consumption of chemicals per day during FY 2020-21**	_____ Kg _____ Litre	_____ Rs. /Kg _____Rs. /Litre

Section E1: Industry Production

E1.	**Number of products produced in 2020-21**	|____|____| (numeric field)	
Production Module (to be completed E1 number of times)			
	Note: This section consists of information pertaining to the annual production across the last two financial years.		
Annual production for the last two financial years			
	Financial Year	**Total Production**	**Units**
E1.1	**2020-21**		□Tonnes □ Meter □ Litre □ Other, specify _____
E1.2	**2021-22**		□Tonnes □ Meter □ Litre □ Other, specify _____
E1.3	**Have you recorded monthly production data for FY 2020-21?**	□ Yes □ No, Skip to Section E1.5	
E1.4	**Monthly production data for FY 2020-21**		
	Month/Year	**Total Production Quantity**	**Units**
	April 2020		□Tonnes □ Meter □ Litre □ Other, specify _____
	May 2020		
	June 2020		
	July 2020		
	August 2020		
	September 2020		
	October 2020		
	November 2020		
	December 2020		
	January 2021		
	February 2021		
	March 2021		
E1.5	**Total Revenue 2020-21**		□ Rupees □ Lakhs □ Crores □ Other, specify _____

Section E2: Electricity Consumption				
	Monthly electricity data for FY 2020-21 [Mention Units]			
	Month/Year	**Consumption**	***Unit***	**Bill Amount**
	April 2020			
	May 2020			
	June 2020			
	July 2020			
	August 2020			
	September 2020			
	October 2020			
	November 2020			
	December 2020			
	January 2021			
	February 2021			
E2.1	**March 2021**			
	April 2021			
	May 2021			
	June 2021			
	July 2021			
	August 2021			
	September 2021			
E2.2	**October 2021**			
	November 2021			
	December 2021			
	January 2022			
	February 2022			
	March 2022		***kWh***	
E2.2.1	**No. of months for which data is obtained FY20-21**	**(calc field using E2.1)**		
E2.2.2	**No. of months for which data is obtained FY21-22**	**(calc field using E2.2)**		

Electricity Consumption for the last two financial years (to be summed from months estimates)			
	Financial Year	**Total**	**Units**
E2.3	**2020-21**	|___|	□ kWh □ KVAh □ KVA
E2.4	**2021-22**	|___|	□ kWh □ KVAh □ KVA

E2.5	**What is the contract demand for FY 2020-21?**	|____|	☐ kWh □ kW □ KVAh □ KVA
E2.6	**What is the contract demand for FY 2021-22?**	|____|	☐ kWh □ kW □ KVAh □ KVA

Section F: Fuel Module

This section consists of information pertaining to industry fuel consumption and energy audits in the last one year.

F1.	**Fuels burnt by this industry in the last 24 months [FY 2020-21 and 2021-22] (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** **23. Mix Imported coal + lignite** **99. □ Don't know**

Monthly and annual fuel consumption and purchase for the last financial years (note in comments any unusual events that might account for fluctuation, such as months closed)
F1.1 to F2.4 to be asked F1. Number of times

F1.1	**Have you recorded monthly fuel data for FY 2020-21?**	□ Yes □ No, Skip to Section F1.3	
F1.2	**Month**	**Consumption**	**Unit of Measurement**
	April 2020		**1. □ Tonnes** **2. □ Litres** **3. □ Cubic Feet** **4. □ SCM** **5. □ Other, specify _____**
	May 2020		
	June 2020		
	July 2020		
	August 2020		

	September 2020	
	October 2020	
	November 2020	
	December 2020	
	January 2021	
	February 2021	
	March 2021	

F1.3	**Year**	**Consumption**	**Unit of Measurement**	**Total Cost**	**Unit of Measurement**
	2020-21		**1. □ Tonnes** **2. □ Litres** **3. □ Cubic Feet** **4. □ SCM** **5. □ Other**		**1. □ Rupees** **2. □ Lakh** **3. □ Crore** **4. □ Other**
	2021-2022		**1. □Tonnes** **2. □ Litres** **3. □ Cubic Feet** **4. □ SCM** **5. □Other**		**1. □ Rupees** **2. □ Lakh** **3. □ Crore** **4. □Other**

F2.	**Which supplier(s) did you purchase the fuel from in the last financial year?** (*list the three main suppliers only)*	**Name**	**Contact**
		1.	
F2.1	**Is the latest fuel analysis report available?**	1. □ Yes 2. □ No → **skip to F2.5**	
F2.2	**Please take a picture of the fuel analysis report**		
F2.3	**Gross Calorific Value of the fuel**		1. □ kcal/kg 2. □ kJ/kg
F2.4	**Net Calorific Value of the fuel**		1. □ kcal/kg 2. □ kJ/kg

F2.5 To F14 to be only asked once		
F2.5	**Did you change your fuel type since July 2021?**	**□ Yes** **□ No, Skip to F2.8**
F2.6	**What were the previously used fuels?**	*Options selected in F1*
F2.7	**What did you change your fuel type to?**	**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** **23. Mix Imported coal + lignite** **99. □ Don't know**
F2.8	**Did you change your fuel supplier since July 2021?**	**□ Yes** **□ No, Skip to F2.10**
F2.9	**Which supplier did you change to?**	**Name** / **Contact**
F2.10	**What was the motivation to change fuel type/supplier?**	**1. □ Price** **2. □ Quality - Higher Calorific Value** **3. □ Low Ash Content** **4. □ Low Sulphur Content** **5. □ Reliable** **6. □ Other reasons(specify): _____**
F2.11	**Has the industry conducted/received any energy audit since Jan 2021?**	**□ Yes** **□ No, Skip to F2.14**
F2.12	**If yes, when was the audit conducted?**	**|_D_D_|/|_M_M_|/20|_Y_Y_|**
F2.13	**Type of energy audit received**	**1. o Detailed Energy Audit consisting of at least two days' site- work and measurements** **2. o Walk-through Audit consisting of at most one day site-work and measurements** **3. o Regular/daily audit** **4. o Other Audit type, specify ……** **99. o Don't know. Skip to Section F2.14**
F2.14	**Documents list used:**	□ Environmental Audit Report □ Consent Data □ Inspection Reports □ Electricity Bills □ Fuel Logs □ Others, specify:

	Section G: Stack and CEMS section	
G1.	**Number of PM Consent Stacks**	*pm_cnsnt_stcks*
G1.1.	**Is this information correct?**	1. □ Yes, skip to G1.3. 2. □ No, ask G1.2.
G1.2.	**What is the nature of re-entered information?**	□ Modification, Re-enter prefilled industry information

		□ Correction, Re-enter prefilled industry information	
G1.3.	**How many stacks added**	[numeric field]	
Stack and CEMS Module (repeated for G1 +G1.3 times)			
	Stack ID	***stack_iter_s***	
G1.4.	**What is the emission source connected to the stack?**	1. ☐ Boiler 2. ☐ Thermopack 3. ☐ HAG	
	Note: This section consists of information pertaining to Continuous Emissions Monitoring Systems (CEMS) and their operations and maintenance.		
G1.5.	**Is there a CEMS installed in this stack?**	1. □ Yes, display prefill 2. □ No, Skip to Section P	
	Composite ID	*Dropdown menu*	
G1.6.	**Please specify the status of your CEMS connection**	*1. □ Device purchased, but not installed* *2. □ Installed, but not calibrated* *3. □ Both installed and calibrated* *99. □Don't know, Skip to Section P*	
G1.7.	**How do you monitor your CEMS data?**	*1. □Vendor Software* *2. □ CEMS Website* *3. □CEMS Mobile Application* *4. □Don't monitor CEMS data*	
G1.8.	**What is the probe cleaning frequency?**	*1. □ Weekly* *2. □ Bi-weekly* *3. □ Monthly* *4. □ Yearly* *5. □ Never* *99. □ Don't know*	
G1.9.	**Which of these maintenance changes have you made to the CEMS?**	*1. □ Vendor Software upgrade* *2. □ Connection wire change* *3. □ Circuit board change* *4. □ Data logger change* 5. □ *PC Monitor change* 6. □ *Compressor maintenance* 7. □ Probe change 8. □ Lens change 9. □ Auto cleaning module change 10. Other, specify _____	
G1.10 to be repeated previous selection number of times			
G1.10.	**Maintenance cost of the PM CEMS (include costs of recent repairs/replacements made - annual)**		□Rupees □Lakh
G1.11.	**Operating cost of the PM CEMS (power consumption and internet costs - annual)**		□Rupees □Lakh
G1.12.	**Number of monitoring staff for PM CEMS**	(numeric field)	
G1.13.	**Do you have any other comments?**		

Section P: Survey Notes

P1.	****End Time**	|___|___|hrs|___|___|mins
P2.	**How many people were present at the time of the interview?**	|___|___|
P3.	**Are you satisfied with the answers given by the respondent(s)?**	□ Yes □ No
P3.	**Are you satisfied with the answers given in the document(s)?**	□ Yes □ No
P4.	**Do you have any other comments?**	
P5.	****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- Did not consent* *7.* □ *SS07- Refused to complete survey*