	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*
	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.	Which form do you want to fill	1. ☐ General [display General section] 2. ☐ Technical [display Technical section]			
B2.	**Surveyor Name for General section**		**Surveyor Code (calc field)**	___|___|	
B3.	**Surveyor Name for Technical section**		**Surveyor Code (calc field)**	___|___|	
B4.	**Supervisor Name**		**Supervisor Code (calc field)**	___|___|	
B5.	**How many respondents were present during the backcheck?**	**General: ____** **Technical: _____**			
B5.	**Industry respondents** *(Please enter the name and contact details of any industry employees that answered questions)*	**Name**	**Section**	**Designation**	**Contact Number**
			☐ General ☐ Technical		
			☐ General ☐ Technical		

General Section

Section C: Industry Description			
Note: This section covers industrial unit information			
C1.	**Number of daily shifts during FY 2020-21**	**[Numeric field]**	
C2.	**Specify the duration of each shift**	|___|___|hrs	
C3.	**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		
C4.	**What was the average daily staff count for the FY 2020-21?**	**[Numeric Field]**	
C4.1	**Office Staff**	**Total Staff**	
	No. of Managers		
	No. of Accountants		
	No. of Clerks		
C4.2	**Dyeing House (Process) Staff**	**Total Staff**	
	No. of Masters		
	No. of In-charges		
	No. of Supervisors		
	No. of Operators		
	No. of Helpers		
C4.3	**Boiler House (Technical) Staff**	**Total Staff**	
	No. of Engineers		
	No. of Boiler Masters		
	No. of Technicians		
	No. of Operators		
	No. of Helpers		
	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?**		

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
E1.2	**2021-22**		□Tonnes □ Meter □ Litre □ Other
E1.3	**Total Revenue 2020-21**		□ Rupees □ Lakhs □ Crores □ Other, specify _____

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**
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) F1.3 to be asked F1. Number of times		

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

Technical Section

Section B-L: Technical Details		
Chain operation and maintenance information		
B4.	No. of parallel chains	
B4.1 to B4.4 to be repeated B4. No. of times		
B4.1	Average daily chain operating hours during FY 2020-21	|_____|
B4.2.	Average chain operating days per month during FY 2020-21	|_____|
Note: Please backcheck the parallel chain diagram provided alongside the survey.		

Section C-L: Technical Details		
Chain operation and maintenance information		
C4.	Total no. of stacks (new + existing)	
C4.1 to C4.3 to be repeated C4. No. of times		
C4.1	Stack ID	|_____|
C4.2.	Stack Diameter	|_____|
C4.3	Stack Diameter units	_____
Boiler Module		
Note: This section consists of information pertaining to Boiler operations and maintenance.		
D1.	Total no. of boilers (New +existing)	*[Numeric Field]*
D1.1	How many boilers do you want to backcheck?	*[Numeric Field]*
Unique Boiler module: D2 to D6.2 to be repeated D1.1 number of times.		
D2.	Boiler Capacity (in TPH):	

D2.1	**Unique Boiler ID:**		
D2.2	**Fuels used in the boiler in the last 12 months**	**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): _____** **20. □Mix Indian + Imported Coal** **21. □ Mix Indian Coal + Wood** **22. □ Mix Lignite + Wood** **23. Mix Imported coal + lignite** **99. □ Don't know**	
D2.3	**Average daily operating hours**	**|_____|**	
D3.	**No. of ID fans**		
To be repeated previous selection number of times			
D3.1	**Power Rating of the equipment**		*1. □ HP* *2. □ KW*
D3.2	**Operating Hours per day**		
D4.	**No. of FD fans**		
To be repeated previous selection number of times			
D4.1	**Power Rating of the Equipment**		*1. □ HP* *2. □ KW*
D4.2	**Operating Hours per day**		
D5.	**No. of PA fans**		
To be repeated previous selection number of times			
D5.1	**Power Rating of the Equipment**		*1. □ HP* *2. □ KW*
D5.2	**Operating Hours per day**		
D6.	**No. of Feed Water Pumps**		
To be repeated previous selection number of times			
D6.1	**Power Rating of the Equipment**		*1. □ HP* *2. □ KW*
D6.2	**Operating Hours per day**		
D7	**Do you have any comments?**		

TFH Module		
E1.	**Total no. of TFH (New+existing)**	*(number)*

E1.1	**How many TFH do you want to backcheck?**	(number)	
Unique TFH module: E2 to E6.2 to be repeated E1.1 number of times.			
E2.	**TFH Capacity (in U):**		
E2.1	**Unique TFH ID:**		
E2.2	**Fuels used in the TFH in the last 24 months**	**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): _____** **20. □Mix Indian + Imported Coal** **21. □ Mix Indian Coal + Wood** **22. □ Mix Lignite + Wood** **23. Mix Imported coal + lignite** **99. □ Don't know**	
E2.3	**Average daily operating hours**	|_____|	
E3.	**No. of ID fans**		
To be repeated previous selection number of times			
E3.1	**Power Rating of the equipment**		*1. □ HP* *2. □ KW*
E3.2	**Operating Hours per day**		
E4.	**No. of FD fans**		
To be repeated previous selection number of times			
E4.1	**Power Rating of the Equipment**		*1. □ HP* *2. □ KW*
E4.2	**Operating Hours per day**		
E5.	**No. of PA fans**		
To be repeated previous selection number of times			
E5.1	**Power Rating of the Equipment**		*1. □ HP* *2. □ KW*
E5.2	**Operating Hours per day**		
E6.	**No. of Oil Circulation Pumps**		
To be repeated previous selection number of times			
E6.1	**Power Rating of the Equipment**		*1. □ HP* *2. □ KW*
E6.2	**Operating Hours per day**		

E7	**Do you have any comments?**	

HAG Module			
F1.	**Total no. of HAG (New+existing)**	*(number)*	
F1.1	**How many HAG do you want to backcheck?**	(number)	
Unique HAG module: F2 to F6.2 to be repeated F1.1 number of times.			
F2	**HAG Capacity (in U):**		
F2.1	**Unique HAG ID:**		
F2.1	**Fuels used in the HAG in the last 12 months**	**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): _____** **20. □Mix Indian + Imported Coal** **21. □ Mix Indian Coal + Wood** **22. □ Mix Lignite + Wood** **23. Mix Imported coal + lignite** **99. □ Don't know**	
F2.2	**Average daily operating hours**	|_____|	
F3.	**No. of ID fans**		
To be repeated previous selection number of times			
F3.1	**Power Rating of the equipment**		*1. □ HP* *2. □ KW*
F3.2	**Operating Hours per day**		
F4.	**No. of FD fans**		
To be repeated previous selection number of times			
F4.1	**Power Rating of the Equipment**		*1. □ HP* *2. □ KW*
F4.2	**Operating Hours per day**		
F5.	**No. of PA fans**		
To be repeated previous selection number of times			
F5.1	**Power Rating of the Equipment**		*1. □ HP* *2. □ KW*
F5.2	**Operating Hours per day**		

F6.	**No. CA Pumps**		
To be repeated previous selection number of times			
F6.1	**Power Rating of the Equipment**		*1. □ HP* *2. □ KW*
F6.2	**Operating Hours per day**		
F7	**Do you have any comments?**		

Cyclone Module			
G1.	**Total no. of Cyclone (new+existing)**	*[numeric field]*	
G1.1	**How many cyclones do you want to backcheck?**	*(number)*	
Unique Cyclone module: G2 to 3.24 to be repeated G1.1 number of times.			
G2.	**Unique cyclone ID:**		
G2.1	**What is the brand/manufacturer of the cyclone?**		
G2.2	**Average daily operating hours**	|_____|	
Rotary Module			
G3.	**No. of Rotary Motors**		
Next two questions to be repeated previous selection number of times			
G3.1	**Power Rating of the equipment**		*1. □ HP* *2. □ KW*
G3.2	**Operating Hours per day**		
G4	**Do you have any comments?**		

Bag Filter Module		
H1.	**Total no. of Bag Filter (new+existing)**	*No. of Bag Filters*
H1.1	**How many bag filters do you want to backcheck**	*(number)*
Unique Bag Filter module: H2 to H4.2 to be repeated H1.1 number of times.		
H2.	**Unique Bag Filter ID:**	*Unique Bag Filter ID*
H2.1	**What is the brand/manufacturer of the Bag Filter?**	
H2.2	**Average daily operating hours**	|_____|
Rotary Module		
H3.	**No. of Rotary Motors**	
Next two questions to be repeated previous selection number of times		

H3.1	**Power Rating of the equipment**		*1. □ HP* *2. □ KW*
H3.2	**Operating Hours per day**		
	Compressor Module		
H4.	**No. of Compressors**		
Next two questions to be repeated previous selection number of times			
H4.1	**Power Rating of the equipment**		*1. □ HP* *2. □ KW*
H4.2	**Operating Hours per day**		
H5	**Do you have any comments?**		

	Scrubber Module		
J1.	**Total no. of Scrubber (new+existing)**	*No.of Scrubbers*	
J1.1.	**How many scrubbers do you want to backcheck?**	*(number)*	
	Unique Scrubber Module: J2 to J3.2 to be repeated J1.1. no. of times		
J2.	**Unique Scrubber ID:**	*Unique Scrubber ID*	
J2.1	**What is the brand/manufacturer of the Scrubber?**		
J2.2	**Average daily operating hours**	|_____|	
	Circulation Pump Module		
J3.	**No. of Water Circulation Pumps**		
Next two questions to be repeated previous selection number of times			
J3.1	**Power Rating of the equipment**		*1. □ HP* *2. □ KW*
J3.2	**Operating Hours per day**		
J4	**Do you have any comments?**		

	ESP Module	
K1.	**Total no. of *ESP* (new+existing)**	*No. of ESP*
K1.1.	**How many ESP do you want to backcheck?**	*(number)*
	Unique ESP module: K2 to K4.2 to be repeated K1.1 no. of times	
K2.	**Unique ESP ID:**	*Unique ESP ID*
K2.1	**What is the brand/manufacturer of the ESP?**	
K2.2	**Average daily operating hours**	|_____|

	Rotary Module		
K3.	**No. of Rotary Modules**		
Next two questions to be repeated previous selection number of times			
K3.1	**Power Rating of the equipment**		*1. □ HP* *2. □ KW*
K3.2	**Operating Hours per day**		
	Transformer Module		
K4.	**No. of Transformers**		
Next two questions to be repeated previous selection number of times			
K4.1	**Power Rating of the equipment**		*1. □ KvA*
K4.2	**Operating Hours per day**		
K.7	**Do you have any 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
P4.	**Do you have any other comments?**	
P5.	****Backcheck Status Code**	1. ☐**SS01**- *Complete* 2. ☐ **SS02**- *Partially Complete* 3. ☐ **SS03**- *RespondentUnavailable* 4. ☐ **SS04** - *Industry temporarily closed* 5. ☐ **SS05**- *Industry permanently closed* 6. ☐ **SS06**- *Did not consent* 7. ☐ **SS07**- *Refused to complete survey*