	Section A1: Industry Information			
A1.1	**Start Time**	|___|___|hrs|___|___|mins		
A1.2	**Date***(DD/MM/YYYY)*	**|___|___|/|___|___|/ 20**|___|___|		
A1.3	**Ringelmann Round**	|____|____|		
A1.4	**Industry ID**	**GJS_** ___|___|___|		
Display Prefilled Industry Information				
	Industry Name			
	Composite ID			
	Industry Address			
	Cluster		**Pincode**	|__ __ __ __ __ __|
	State			
A1.5	**Is this information correct?**	☐ Yes ☐ No ***→ Re-enter prefilled industry information***		
A1.6	**GPS Coordinates** *(Record to 10m accuracy)*			

	Section A2: Survey Team Information			
A2.1	**Ringlemann Surveyor Name**		**Ringlemann Surveyor Code**	___|___|
A2.2	**Surveyor Name~~s~~**		**Surveyor Code~~s~~**	___|___|
				___|___|
A2.3	**Supervisor name**		**Supervisor Code**	___|___|
A2.4	**Environmental Lab**	*Name of Lab*		
		Name of Employee		
		Lab team code	___|___|	
A2.5	**Energy Consultant**	*Name of Consultant*		
		Name of Employee		
		Consultant team code	___|___|	

Section B: Ringelmann Measurement

Steps:

1) Stand in the line between the stack and the sun. The sun should be behind you and the stack directly in front of you.
2) Hold the Ringelmann Chart on a level with your eye and in line with the top of the stack. Try to make sure that the stack is at least 3 stack distances away.
3) Look at the smoke and identify which slice of the Ringelmann chart is the most similar shade of grey.
4) Each slice has a number from 0-5, note the number of the matching slice in Q4 below
5) Take ONE observation EVERY minute over a 30 minute period, for a total of 30 observations.

B1	**Is the Industry operational?**	☐ Yes ☐ No ***→ Skip to Question P11***
B2	**Position of the sun relative to you and stack** *(assume you are at the centre of a clock dial and the stack is at position of 12 o'clock)*	**|_____| o'clock**
B3	**Direction of plume relative to stack** (*assume the stack is at the centre of a clock dial and you are at a position of 6 o'clock)*	**|_____| o'clock**
B4	**Location Coordinates** *(Record to 10m accuracy)*	
B5	**Approximate distance from stack (in m):**	|____|____|____|

B6	**Sr. No.**	**Time of observation:** *(24-hour format – hrs:mins)*	**Observed Ringelmann Number:**	**Sr. No.**	**Time of observation** *hour*: *(24- format – hrs:mins)*	**Observed Ringelmann Number:**
	1	|____|____|: |____|____|		**16**	|____|____|: |____|____|	
	2	|____|____|: |____|____|		**17**	|____|____|: |____|____|	
	3	|____|____|: |____|____|		**18**	|____|____|: |____|____|	
	4	|____|____|: |____|____|		**19**	|____|____|: |____|____|	
	5	|____|____|: |____|____|		**20**	|____|____|: |____|____|	
	6	|____|____|: |____|____|		**21**	|____|____|: |____|____|	
	7	|____|____|: |____|____|		**22**	|____|____|: |____|____|	
	8	|____|____|: |____|____|		**23**	|____|____|: |____|____|	
	9	|____|____|: |____|____|		**24**	|____|____|: |____|____|	
	10	|____|____|: |____|____|		**25**	|____|____|: |____|____|	
	11	|____|____|: |____|____|		**26**	|____|____|: |____|____|	
	12	|____|____|: |____|____|		**27**	|____|____|: |____|____|	
	13	|____|____|: |____|____|		**28**	|____|____|: |____|____|	
	14	|____|____|: |____|____|		**29**	|____|____|: |____|____|	
	15	|____|____|: |____|____|		**30**	|____|____|: |____|____|	

B7	**What is the weather today?**	1. ☐ Sunny 2. ☐ Cloudy 3. ☐ Raining				
B8	**Count**	0: ___	1: ___	2: ___	3: ___	4: ___	5: ___
B9	**Comments**					

Section P: Continuous Emissions Monitoring System Checklist

P1	**How many CEMS devices does the Industry have?** *(operational and non-operational)*	1. ☐ 0 ***→ Skip to P11*** 2. ☐ 1 3. ☐ 2 4. ☐ |_____|
CEMS Module: Fill out for every CEMS device *(to be repeated "P1" number of times)*		
P2	**Composite ID**	|_____|
P3	**Is data uploading (available) on the ETS CEMS Server?**	☐ Yes ***→ End this CEMS Module*** ☐ No
P4	**Is PC switched on?**	☐ Yes ☐ No
P5	**Is Internet running?**	☐ Yes ☐ No
P6	**Is the PC date-time stamp synchronized with IST?**	☐ Yes ☐ No
P7	**Is the Vendor software running?**	☐ Yes ☐ No
P8	**Are CSV files being generated?**	☐ Yes ☐ No
P9	**Is G-Lens application running on industry PC?**	☐ Yes ☐ No
P10	**Does the control panel/scanner show reading?**	☐ Yes ☐ No
End of CEMS Module		
P11	**Comments**	