

Report Number : BA-ENV-2023-08  
Date : 09 March, 2023

## OZONE DEPLETING SUBSTANCE (ODS) ASSESSMENT REPORT

Factory/project title: **IRIS Fabrics Limited**  
Factory/Project address: Zirani Bazar, Kashimpur, Gazipur

Sampling description: **Ozone depleting substances (AC)**  
Sampling time: 10:40 AM—02.55 PM (Running Condition)  
Sampling date: 09 March, 2023  
Sampling Device Name: HDE Portable Halogen Gas AC Freon Refrigerant Leak Detector.

Technical team tested all the ACs and refrigerator of all brands & capacities. No leak was detected by the team. Facility has a maintenance team & program to monitor AC's operation regularly.

The list of the ACs, their location, brand and capacity are provided in following table as reference.

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**AC Specification:** Specification, capacity & brand of the ACs provided in following table as reference.  
**Refrigerant Type:** ACs are filled up by R-410, R-22, R-134 and R-407 refrigerant. Facility has a maintenance team and program to monitor AC's operation.  
**Probability of Ozone Depletion:** Can cause probable harm to ozone layer if there are any leaks.  
**Leak Test Result:** No Leakage found

SL.No.	Location	Brand & Model	Capacity	Refrigerant or GasType	Leak Status
1	Buckner Panel	General	2.5	R-22	No leak found
2	Sub store	General	4	R-22	No leak found
3	Civil Engineer Room	General	2	R-22	No leak found
4	H & M QC Room	General	2	R-22	No leak found
5	Merchandiser Room-1	General	2	R-22	No leak found
6	Merchandiser Room-2	General	2	R-22	No leak found
7	Merchandiser Room-3	General	2	R-410	No leak found
8	Generator Room-1	General	2.5	R-22	No leak found
9	Generator Room-2	General	4	R-22	No leak found
10	Generator Room-3	General	2	R-22	No leak found
11	Admin, HR & Compliance Room	General	4	R-22	No leak found
12	DGM (Production) Room	General	2	R-22	No leak found
13	CAD Room	General	2	R-22	No leak found

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SL.No.	Location	Brand & Model	Capacity	Refrigerant or GasType	Leak Status
14	Sarver Room	General	1	R-22	No leak found
15	IT Room	General	2	R-22	No leak found
16	Kariban QC Room	General	2	R-22	No leak found
17	Compressor Room-1	G.D	3	R-407	No leak found
18	Compressor Room-2	Ceccato	3	R-22	No leak found
19	Compressor Room-3	Sun Icon	3	R-22	No leak found
20	Compressor Room-4	Boge	3	R-134	No leak found
21	Compressor Room-5	Alanne	2	R-22	No leak found
22	Compressor Room-5	G.D	2	R-407	No leak found
23	DGM (Maintenance) Room	General	2	R-22	No leak found
24	AGM (Maintenance) Room	General	2	R-22	No leak found
25	Admin (GM) Room	General	2	R-22	No leak found
26	Lab Room-1	General	4	R-22	No leak found
27	Lab Room-2	General	4	R-22	No leak found
28	Lab Room-3	General	4	R-22	No leak found
29	Lab Room-4	General	2	R-22	No leak found
30	Lab Room-5	Emurson	10	R-410	No leak found
31	GM (K&D) Room	Gree	2	R-410	No leak found
32	Finishing Manager Room	General	2	R-410	No leak found
33	Sundex Panel	Gree	2	R-410	No leak found
34	Lindex QC Room	Gree	2	R-410	No leak found
35	ETP Lab	Gree	2	R-410	No leak found
36	ETP Panel Board	Gree	2	R-410	No leak found
37	Store Manager Room	General	1.5	R-22	No leak found
38	Fire Control Room	General	2	R-22	No leak found
39	NQC Room	General	2	R-22	No leak found
40	RQS Room	General	2	R-22	No leak found
41	Auchan QC Room	General	4	R-22	No leak found
42	Kapphal QC Room	General	2	R-22	No leak found
43	K-Mart QC Room	General	2	R-22	No leak found
44	Next QC Room	General	2	R-22	No leak found
45	MD Sir Room	General	2.5	R-22	No leak found
46	Chairman Sir Room	General	2.5	R-22	No leak found
47	Director Sir Room	General	2	R-22	No leak found
48	Dyeing (Sr. Manager) Room	General	2	R-22	No leak found

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SL.No.	Location	Brand & Model	Capacity	Refrigerant or GasType	Leak Status
49	Show Room	General	2	R-22	No leak found
50	Receive Room	General	2.5	R-22	No leak found
51	IE Planning Room	General	2.5	R-22	No leak found
52	Chemical Sub-Store	General	4	R-22	No leak found
53	Conference Room-1	General	2	R-22	No leak found
54	Conference Room-2	General	2	R-22	No leak found
55	Account Room	General	2	R-22	No leak found
56	Dyeing Conference Room	General	2	R-22	No leak found
57	Director (Knitting) Room	General	2	R-22	No leak found
58	New ETP Panel Board	General	2	R-22	No leak found
59	Head of Quality Room	General	2	R-22	No leak found
60	Sr. QS Manager Room	General	2	R-22	No leak found

**Recommendation:**

- i. Maintenance team should conduct leakage test at regular intervals to all ACs/refrigerators inside facilities.
- ii. Immediate repair or replacement of leakage ACs/refrigerators can reduce the effect of ozone depletion to the ozone layer. Facility should monitor this issue regularly.

**Report prepared by**



**Md. Monoarul Islam**  
**Auditor**  
**Supplier Management**  
**Business Assurance**  
**ITS Labtest Bangladesh Ltd.**

**Report authorized by**



**Shoriful Islam**  
**Head of Business Assurance**  
**Supplier Management**  
**Business Assurance**  
**ITS Labtest Bangladesh Ltd.**