

Ozone Depleting Substance (ODS) Inventory

**ACS Textiles (Bangladesh) Ltd. &
ACS Towel Limited**


Test Ref. No.: D/O 11074

Contact Us

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General Information			
Invoice Reference No: GB/2024/08/80		Inspection Date: 01.01.2025	
Inspection Reference No: D/O 11074		Inspection Duration: 11am-5pm	
Report Generation Date:	02.01.2025	Inspection Description: Leak Test for AC	
Report Submission Date:	03.01.2025	Inspection location: Inside Factory Building	
Inspection Standards: 2004/108/EEC			
<u>Company Name:</u> ACS Textiles (Bangladesh) Ltd. & ACS Towel Limited <i>Address: Tetlabo, Barpa, Rupgonj, Narayangonj.</i>		<u>Contact Person:</u> Md. Ruhul Alam Sharif <i>GM, Compliance</i>	
On Site Inspection Team			
Md. Shaharia Ahmed <i>Executive (Operation)</i> <i>B.Sc. in Environmental Science</i>		Tanzir Hosen <i>Chemist (Operation)</i> <i>B.Sc. in Chemistry</i>	
Report Prepared by:		Quality Checked:	
			
Majharul Islam <i>Executive (Operation)</i> <i>B.Sc. in Environmental Sciences</i>		Mosharof Hossain <i>Assistant Manager (Operation)</i> <i>M.Sc. & B.Sc. in Environmental Science</i>	
Report Approved by:			
			
Engr. Syed Tasnem Mahmood <i>Chief Environmental Engineer & CEO</i> <i>B.Sc. & M.Sc. (Civil and Environmental Engineering)</i> <i>MIEB No.: M/35960</i>			

Method of Testing and Analysis:

GREENBUD Testing & Inspection Services Private Limited has been hired for the Leak detection of Ozone depleting equipment of **ACS Textiles (Bangladesh) Ltd. & ACS Towel Limited**. GREENBUD operation team has tested all possible equipment which can emit Ozone Depleting Substances (ODS) and generated report according to the field assessment and the ODS Inventory.

Leak detection from Ozone depleting equipment was done using “Ultrasonic Leak Detector” following the **ASTM E1002** standard method. During the analysis, a standard work instruction stated in the **TP-GB-06** was followed which is based on the referred standard.

OZONE DEPLETING SUBSTANCE (ODS) INVENTORY

OZONE DEPLETING SUBSTANCE (ODS) INVENTORY

Factory Name			ACS Textiles (Bangladesh) Ltd. & ACS Towel Limited.							
Sl. No	AC ID	Facility	Location	Capacity (Ton)	Refrigerant (Gas) Type	GWP	Amount of Refrigerant (Initial) (Kg)	Yearly Refill Amount (Kg)	Total Emission in CO ₂ e from Yearly Refill Amount (Kg)	Comments
1	AC-01	Textiles	MD Sir Room, Office Building, 1st Floor	2 Ton	R-22	1810	-	0	0	No Leaks Found
2	AC-02	Textiles	Showroom, Office Building, 1st Floor	5 Ton	R-22	1810	-	2.5	4525	No Leaks Found
3	AC-03	Textiles	Showroom, Office Building, 1st Floor	5 Ton	R-22	1810	4	2.5	4525	No Leaks Found
4	AC-04	Textiles	Marketing Hall Room, Office Building, 1st Floor	5 Ton	R-22	1810	4	4	7240	No Leaks Found
5	AC-05	Textiles	Marketing Hall Room, Office Building, 1st Floor	5 Ton	R-22	1810	4	1.6	2896	No Leaks Found
6	AC-06	Textiles	Marketing Hall Room, Office Building, 1st Floor	3 Ton	R-22	1810	3	4	7240	No Leaks Found
7	AC-07	Textiles	Marketing Director, Office Building, 1st Floor	2 Ton	R-22	1810	1.5	3	5430	No Leaks Found
8	AC-08	Textiles	Marketing Office Room, Office Building, 1st Floor	1 Ton	R-22	1810	0.9	1.2	2172	No Leaks Found
9	AC-09	Textiles	Marketing Office Room, Office Building, 1st Floor	1 Ton	R-22	1810	0.9	0	0	No Leaks Found
10	AC-10	Textiles	Marketing Office Room, Office Building, 1st Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
11	AC-11	Textiles	Commercial Director Sir Room, Office Building, 1st Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
12	AC-12	Textiles	DMD Sir Room, Office Building, 1st Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
13	AC-13	Textiles	Reception, Office Building, Ground Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
14	AC-14	Textiles	Reception, Office Building, Ground Floor	5 Ton	R-22	1810	4	0	0	No Leaks Found
15	AC-15	Textiles	Admin, HR & Compliance Department, Office Building, Ground Floor	5 Ton	R-22	1810	4	0	0	No Leaks Found
16	AC-16	Textiles	Admin, HR & Compliance Department, Office Building, Ground Floor	5 Ton	R-22	1810	4	0	0	No Leaks Found
17	AC-17	Textiles	Admin G.M, Office Building, Ground Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
18	AC-18	Textiles	ED Sir Room, Office Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
19	AC-19	Textiles	MD Madam Room, Office Building, Ground Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
20	AC-20	Textiles	GM Compliance Room, Office Building, Ground Floor	1 Ton	R-22	1810	0.9	0	0	No Leaks Found
21	AC-261	Textiles	GM Compliance Room, Office Building, Ground Floor	5 Ton	R-22	1810	4	2.5	4525	No Leaks Found
22	AC-21	Textiles	Conference Room, Office Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
23	AC-22	Textiles	Commercial and Accounts Hall Room, Office Building, Ground Floor	5 Ton	R-22	1810	4	0	0	No Leaks Found
24	AC-23	Textiles	Commercial and Accounts Hall Room, Office Building, Ground Floor	5 Ton	R-22	1810	4	0.5	905	No Leaks Found

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25	AC-24	Textiles	Accounts Director, Office Building, Ground Floor	2 Ton	R-410A	1924	1.5	0	0	No Leaks Found
26	AC-25	Textiles	GM (Accounts & Finance), Office Building, Ground Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
27	AC-26	Textiles	GM (Commercial), Office Building, Ground Floor	1 Ton	R-22	1810	0.9	0	0	No Leaks Found
28	AC-27	Textiles	Accounts Cash Room, Office Building, Ground Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
29	AC-28	Textiles	Accounts Credit Room, Office Building, Ground Floor	2.5 Ton	R-22	1810	2.5	0	0	No Leaks Found
30	AC-30	Textiles	CCTV Room, Office Building, 2nd Floor	4 Ton	R-22	1810	3.5	0	0	No Leaks Found
31	AC-31	Textiles	IT Section, Office Building, 2nd Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
32	AC-32	Textiles	IT Section, Office Building, 2nd Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
33	AC-33	Textiles	IT Section, Office Building, 2nd Floor	3 Ton	R-22	1810	3	0	0	No Leaks Found
34	AC-34	Textiles	Server Room, IT Section, Office Building, 2nd Floor	2 Ton	R-410A	1924	1.5	1.5	2886	No Leaks Found
35	AC-35	Textiles	Server Room, IT Section, Office Building, 2nd Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
36	AC-76	Textiles	Generator Control Room,Utility Unit-03, Ground Floor	5 Ton	R-22	1810	4	3	5430	No Leaks Found
37	AC-77	Textiles	Generator Control Room,Utility Unit-03, Ground Floor	5 Ton	R-22	1810	4	8	14480	No Leaks Found
38	AC-78	Textiles	Generator Control Room,Utility Unit-03, Ground Floor	5 Ton	R-22	1810	4	4	7240	No Leaks Found
39	AC-79	Textiles	Generator Control Room,Utility Unit-03, Ground Floor	5 Ton	R-22	1810	4	0	0	No Leaks Found
40	AC-80	Textiles	Generator Control Room,Utility Unit-03, Ground Floor	4 Ton	R-22	1810	3.5	0	0	No Leaks Found
41	AC-81	Textiles	Generator Control Room,Utility Unit-03, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
42	AC-82	Textiles	Director (Technical) Room, Utility Building-03, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
43	AC-83	Textiles	Digital Printing-01, Digital Printing Building, Ground Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
44	AC-84	Textiles	Digital Printing-01, Digital Printing Building, Ground Floor	5 Ton	R-22	1810	4	0	0	No Leaks Found
45	AC-85	Textiles	Digital Printing-01, Digital Printing Building, Ground Floor	5 Ton	R-22	1810	4	0	0	No Leaks Found
46	AC-86	Textiles	Digital Printing-01, Digital Printing Building, Ground Floor	5 Ton	R-22	1810	4	4	7240	No Leaks Found
47	AC-87	Textiles	Digital Printing-01, Digital Printing Building, Ground Floor	5 Ton	R-22	1810	4	0	0	No Leaks Found
48	AC-88	Textiles	Digital Printing-01, Digital Printing Building, Ground Floor	5 Ton	R-22	1810	4	4	7240	No Leaks Found
49	AC-89	Textiles	Digital Printing-01 (Office/Design Room), Digital Printing Building, Ground Floor	1 Ton	R-22	1810	0.9	0	0	No Leaks Found
50	AC-90	Textiles	Digital Printing-02, Digital Printing Building, Ground Floor	5 Ton	R-410A	1924	4	4	7696	No Leaks Found
51	AC-91	Textiles	Digital Printing-02, Digital Printing Building, Ground Floor	5 Ton	R-410A	1924	4	0	0	No Leaks Found
52	AC-92	Textiles	Digital Printing-02, Digital Printing Building, Ground Floor	5 Ton	R-410A	1924	4	0	0	No Leaks Found

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53	AC-93	Textiles	Digital Printing-02, Digital Printing Building, Ground Floor	5 Ton	R-410A	1924	4	0	0	No Leaks Found
54	AC-94	Textiles	Digital Printing-02, Digital Printing Building, Ground Floor	5 Ton	R-410A	1924	4	0	0	No Leaks Found
55	AC-95	Textiles	Digital Printing-02, Digital Printing Building, Ground Floor	5 Ton	R-410A	1924	4	0	0	No Leaks Found
56	AC-96	Textiles	Chemical Store, Digital Printing Building, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
57	AC-97	Textiles	Raising Panel, Weaving Building-02, Ground Floor	2 Ton	R-22	1810	1.5	3	5430	No Leaks Found
58	AC-98	Textiles	Raising Panel, Weaving Building-02, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
59	AC-99	Textiles	Raising Panel, Weaving Building-02, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
60	AC-100	Textiles	Monforts-2 Stenter Machine Panel Room, Weaving Building-02, Ground Floor	2 Ton	R-22	1810	1.5	3	5430	No Leaks Found
61	AC-101	Textiles	Monforts-2 Stenter Machine Panel Room, Weaving Building-02, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
62	AC-102	Textiles	Monforts-2 Stenter Machine Panel Room, Weaving Building-02, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
63	AC-103	Textiles	Sizing-02 Office Room, Weaving Building-02, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
64	AC-104	Textiles	Sizing-02 Panel Room, Weaving Building-02, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
65	AC-105	Textiles	Admin (Weaving), Weaving Building-02, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
66	AC-106	Textiles	Admin (Weaving), Weaving Building-02, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
67	AC-107	Textiles	Weaving G.M, Weaving Building-02, Ground Floor	1.5 Ton	R-22	1810	1.2	1.5	2715	No Leaks Found
68	AC-108	Textiles	Weaving Manager, Weaving Building-02, Ground Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
69	AC-109	Textiles	Electrical Room-03, Weaving Building-02, Ground Floor	1.5 Ton	R-22	1810	1.2	1.5	2715	No Leaks Found
70	AC-110	Textiles	Electrical Room-03, Weaving Building-02, Ground Floor	2 Ton	R-22	1810	1.5	0.5	905	No Leaks Found
71	AC-112	Textiles	Quality Inspection Room-01, Stitching Building-02, 1st Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
72	AC-113	Textiles	Quality Inspection Room-01, Stitching Building-02, 1st Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
73	AC-114	Textiles	Quality Inspection Room-02, Stitching Building-02, 1st Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
74	AC-115	Textiles	Quality Inspection Room-02, Stitching Building-02, 1st Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
75	AC-116	Textiles	Stitching GM Room, Weaving Building-02, 1st Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
76	AC-117	Textiles	Chemical Office, Weaving Building-04, Ground Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
77	AC-118	Textiles	Yarn Store Office, Weaving Building-04, Ground Floor	1.5 Ton	R-22	1810	1.2	1.2	2172	No Leaks Found
78	AC-119	Textiles	Mending Office, Weaving Building-04, 1st Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
79	AC-120	Textiles	Workshop Office, Workshop Building, Ground Floor	1 Ton	R-22	1810	0.9	0	0	No Leaks Found
80	AC-123	Textiles	ETP Panel Room, ETP, 1st Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found

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81	AC-124	Textiles	ETP Panel Room, ETP, 1St Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
82	AC-125	Textiles	Mecanical Office Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
83	AC-126	Textiles	Electrical Office Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
84	AC-127	Textiles	Zimmer Printing Control Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	3	5430	No Leaks Found
85	AC-128	Textiles	Zimmer Printing Control Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	3	5430	No Leaks Found
86	AC-129	Textiles	Zimmer Printing Control Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
87	AC-130	Textiles	Zimmer Printing Control Room, Processing Building, Ground Floor	1.5 Ton	R-22	1810	1.2	6	10860	No Leaks Found
88	AC-131	Textiles	Monforts-04 Panel Room, Processing Building, Ground Floor	2 Ton	R-410A	1924	1.5	1.5	2886	No Leaks Found
89	AC-132	Textiles	Monforts-04 Panel Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
90	AC-133	Textiles	Monforts-04 Panel Room, Processing Building, Ground Floor	3 Ton	R-22	1810	3	0	0	No Leaks Found
91	AC-134	Textiles	Monforts-04 Panel Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
92	AC-135	Textiles	New Washing m/c (Chaina), Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
93	AC-136	Textiles	New Washing m/c (Chaina), Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
94	AC-137	Textiles	Bleaching Panel Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
95	AC-138	Textiles	Bleaching Panel Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
96	AC-139	Textiles	Bleaching Panel Room, Processing Building, Ground Floor	1 Ton	R-22	1810	0.9	0	0	No Leaks Found
97	AC-140	Textiles	QC/Processing lab-Online room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
98	AC-141	Textiles	QC/Processing lab-Offline room, Processing Building, Ground Floor	3 Ton	R-22	1810	3	5	9050	No Leaks Found
99	AC-142	Textiles	QC/Processing lab-Offline room, Processing Building, Ground Floor	3 Ton	R-22	1810	3	5.5	9955	No Leaks Found
100	AC-143	Textiles	QC/Processing lab-GM room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	4.5	8145	No Leaks Found
101	AC-144	Textiles	QC/Processing lab-Testing room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
102	AC-145	Textiles	QC/Processing lab-Testing room, Processing Building, Ground Floor	3 Ton	R-22	1810	3	0	0	No Leaks Found
103	AC-146	Textiles	Pad Steam Control Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
104	AC-147	Textiles	Pad Steam Control Room, Processing Building, Ground Floor	3 Ton	R-22	1810	3	0	0	No Leaks Found
105	AC-148	Textiles	Mercerizing Panel Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
106	AC-149	Textiles	Mercerizing Panel Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
107	AC-150	Textiles	Mercerizing Panel Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
108	AC-151	Textiles	Monforts Stenter-03 Panel Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found

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109	AC-152	Textiles	Monforts Stenter-03 Panel Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
110	AC-153	Textiles	Monforts Stenter-03 Panel Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
111	AC-154	Textiles	Monforts Stenter-03 Panel Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
112	AC-155	Textiles	Monforts Stenter-01 Panel Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
113	AC-156	Textiles	Monforts Stenter-01 Panel Room, Processing Building, Ground Floor	2 Ton	R-410A	1924	1.5	1.5	2886	No Leaks Found
114	AC-157	Textiles	Monforts Stenter-01 Panel Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
115	AC-158	Textiles	Monforts Stenter-01 Panel Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
116	AC-159	Textiles	Thermosol Dyeing Panel Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
117	AC-160	Textiles	Thermosol Dyeing Panel Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
118	AC-161	Textiles	Dyeing Lab, Processing Building, Ground Floor	2 Ton	R-410A	1924	1.5	0	0	No Leaks Found
119	AC-162	Textiles	Processing GM Office Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
120	AC-163	Textiles	Processing GM Dining Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
121	AC-164	Textiles	Admin Office (Processing), Processing Building, Ground Floor	1.5 Ton	R-22	1810	1.2	6	10860	No Leaks Found
122	AC-165	Textiles	Dyeing Engraving Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	4.5	8145	No Leaks Found
123	AC-166	Textiles	Dyeing Engraving Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
124	AC-167	Textiles	Dyeing Engraving Room, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
125	AC-168	Textiles	File Room, Processing Building, Ground Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
126	AC-169	Textiles	Sanforizing Machine Panel, Processing Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
127	AC-170	Textiles	LT Panel Room, Utility Unit-01, Ground Floor	5 Ton	R-22	1810	4	6.5	11765	No Leaks Found
128	AC-171	Textiles	LT Panel Room, Utility Unit-01, Ground Floor	5 Ton	R-22	1810	4	0	0	No Leaks Found
129	AC-172	Textiles	Generator Control Room-01, Utility Unit-01, Ground Floor	5 Ton	R-22	1810	4	0	0	No Leaks Found
130	AC-173	Textiles	Generator Control Room-01, Utility Unit-01, Ground Floor	2.5 Ton	R-410A	1924	1.5	0	0	No Leaks Found
131	AC-174	Textiles	Generator Control Room-01, Utility Unit-01, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
132	AC-175	Textiles	Generator Control Room-01, Utility Unit-01, Ground Floor	2.5 Ton	R-410A	1924	1.5	2	3848	No Leaks Found
133	AC-176	Textiles	Generator Control Room-01, Utility Unit-01, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
134	AC-177	Textiles	Generator Control Room-02, Utility Unit-02, Ground Floor	5 Ton	R-22	1810	4	0	0	No Leaks Found
135	AC-178	Textiles	Generator Control Room-02, Utility Unit-02, Ground Floor	5 Ton	R-22	1810	4	12	21720	No Leaks Found
136	AC-179	Textiles	Generator Control Room-02, Utility Unit-02, Ground Floor	5 Ton	R-22	1810	4	5	9050	No Leaks Found

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137	AC-180	Textiles	Generator Control Room-02, Utility Unit-02, Ground Floor	5 Ton	R-22	1810	4	0	0	No Leaks Found
138	AC-181	Textiles	Technical GM Office, Utility Unit-01, 1st Floor	2.5 Ton	R-22	1810	2.5	0	0	No Leaks Found
139	AC-182	Textiles	Technical GM Office, Utility Unit-01, 1st Floor	2 Ton	R-410A	1924	1.5	0	0	No Leaks Found
140	AC-184	Textiles	Auto Drawing Machine Section, Weaving Building-01, Ground Floor	4 Ton	R-22	1810	3.5	3.5	6335	No Leaks Found
141	AC-185	Textiles	Auto Drawing Machine Section, Weaving Building-01, Ground Floor	5 Ton	R-22	1810	4	0	0	No Leaks Found
142	AC-186	Textiles	Sizing Panel Room, Weaving Building-01, Ground Floor	1.5 Ton	R-22	1810	1.2	1.2	2172	No Leaks Found
143	AC-187	Textiles	Sizing Panel Room, Weaving Building-01, Ground Floor	1.5 Ton	R-22	1810	1.5	0	0	No Leaks Found
144	AC-189	Textiles	Medical Center, Weaving Building-01, Ground Floor	2.5 Ton	R-22	1810	2.5	2	3620	No Leaks Found
145	AC-190	Textiles	Medical Center, Weaving Building-01, Ground Floor	2.5 Ton	R-22	1810	2.5	0	0	No Leaks Found
146	AC-191	Textiles	Dr. Room-01, Medical Center, Weaving Building-01, Ground Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
147	AC-193	Textiles	Child Care Room, Weaving Building-01, 1st Floor	2.5 Ton	R-22	1810	2.5	0	0	No Leaks Found
148	AC-194	Textiles	Admin Office (Weaving) , Weaving Building-01, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
149	AC-195	Textiles	Weaving Manager, Weaving Building-01, Ground Floor	1 Ton	R-22	1810	0.9	0	0	No Leaks Found
150	AC-196	Textiles	Weaving G.M, Weaving Building-01, Ground Floor	1 Ton	R-22	1810	0.9	0	0	No Leaks Found
151	AC-197	Textiles	Weaving Mechanical Room, Weaving Building-01, Ground Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
152	AC-198	Textiles	Weaving Electrical Room, Weaving Building-01, Ground Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
153	AC-199	Textiles	Embroidery Section-01, Stitching Building-01, Ground Floor	3 Ton	R-22	1810	3	0	0	No Leaks Found
154	AC-200	Textiles	Embroidery Section-01, Stitching Building-01, Ground Floor	3 Ton	R-22	1810	3	0	0	No Leaks Found
155	AC-202	Textiles	Embroidery Section-02, Stitching Building-01, Ground Floor	4 Ton	R-22	1810	3.5	0	0	No Leaks Found
156	AC-203	Textiles	Embroidery Section-02, Stitching Building-01, Ground Floor	4 Ton	R-22	1810	3.5	3	5430	No Leaks Found
157	AC-204	Textiles	Garment Accessories Office, Stitching Building-01, Ground Floor	1.5 Ton	R-22	1810	1.2	4.8	8688	No Leaks Found
158	AC-205	Textiles	Garment Accessories Store, Stitching Building-01, Ground Floor	1.5 Ton	R-22	1810	1.2	1.2	2172	No Leaks Found
159	AC-206	Textiles	Target Room, Stitching Building-01, 1st Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
160	AC-207	Textiles	GM Room, Stitching Building-01, 1st Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
161	AC-209	Textiles	QC/Inspection Room-01, Stitching Building-01, 1st Floor	2.5 Ton	R-22	1810	1.5	3	5430	No Leaks Found
162	AC-210	Textiles	QC/Inspection Room-01, Stitching Building-01, 1st Floor	1.5 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
163	AC-211	Textiles	QC/Inspection Room-02, Stitching Building-01, 1st Floor	1.5 Ton	R-410A	1924	1.2	2	3848	No Leaks Found
164	AC-212	Textiles	QC/Inspection Room-02, Stitching Building-01, 1st Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found

Factory Name			ACS Textiles (Bangladesh) Ltd. & ACS Towel Limited.							
Sl. No	AC ID	Facility	Location	Capacity (Ton)	Refrigerant (Gas) Type	GWP	Amount of Refrigerant (Initial) (Kg)	Yearly Refill Amount (Kg)	Total Emission in CO ₂ e from Yearly Refill Amount (Kg)	Comments
165	AC-213	Textiles	Room-201, Pakistani Dormitory, 1St Floor	1.5 Ton	R-22	1810	1.2	3.6	6516	No Leaks Found
166	AC-214	Textiles	Room-202, Pakistani Dormitory, 1St Floor	1.5 Ton	R-22	1810	1.2	3	5430	No Leaks Found
167	AC-215	Textiles	Room-203, Pakistani Dormitory, 1St Floor	1.5 Ton	R-22	1810	1.2	2.7	4887	No Leaks Found
168	AC-216	Textiles	Room-204, Pakistani Dormitory, 1St Floor	1.5 Ton	R-22	1810	1.2	3	5430	No Leaks Found
169	AC-217	Textiles	Room-205, Pakistani Dormitory, 1St Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
170	AC-218	Textiles	Room-206, Pakistani Dormitory, 1St Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
171	AC-219	Textiles	Room-207, Pakistani Dormitory, 1St Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
172	AC-220	Textiles	Room-208, Pakistani Dormitory, 1St Floor	1.5 Ton	R-22	1810	1.2	1.2	2172	No Leaks Found
173	AC-221	Textiles	Room-209, Pakistani Dormitory, 1St Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
174	AC-222	Textiles	Room-210, Pakistani Dormitory, 1St Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
175	AC-252	Textiles	Sizing-01 Machine Panel AC	N/A	R-134A	1300	-	0	0	No Leaks Found
176	AC-253	Textiles	Sizing-01 Machine Panel AC	N/A	R-134A	1300	-	0	0	No Leaks Found
177	AC-254	Textiles	Bleaching Machine Panel AC	N/A	R-134A	1300	-	0	0	No Leaks Found
178	AC-255	Textiles	Shearing Machine Panel AC	N/A	R-134A	1300	-	0	0	No Leaks Found
179	AC-256	Textiles	Shearing Machine Panel AC	N/A	R-134A	1300	-	0	0	No Leaks Found
180	AC-257	Textiles	Monforts-01 Machine Panel AC	N/A	R-134A	1300	-	0	0	No Leaks Found
181	AC-259	Textiles	Coating Machine Panel AC	N/A	R-134A	1300	-	0	0	No Leaks Found
182	AC-260	Textiles	Sizing-02 Machine Panel AC	N/A	R-134A	1300	-	0	0	No Leaks Found
183	Dryer-01	Textiles	Compressor- Unit-01	10	R-404A	3943	7.5	0	0	No Leaks Found
184	Dryer-02	Textiles	Compressor- Unit-01	10	R-410A	1924	11	0	0	No Leaks Found
185	Dryer-03	Textiles	Compressor- Unit-01	10	R-404A	3943	7.5	0	0	No Leaks Found
186	Dryer-04	Textiles	Compressor- Unit-01	10	R-404A	3943	8	0	0	No Leaks Found
187	Dryer-05	Textiles	Compressor- Unit-01	10	R-404A	3943	8	0	0	No Leaks Found
188	Dryer-06	Textiles	Compressor- Unit-01	10	R-404A	3943	8	0	0	No Leaks Found
189	Dryer-07	Textiles	Compressor- Unit-01	10	R-404A	3943	7.5	0	0	No Leaks Found
190	Dryer-08	Textiles	Compressor- Unit-01	10	R-404A	3943	7.5	0	0	No Leaks Found
191	Dryer-09	Textiles	Compressor- Unit-01	10	R-404A	3943	7.5	0	0	No Leaks Found
192	Dryer-10	Textiles	Compressor- Unit-01	10	R-410A	3943	12	0	0	No Leaks Found

Factory Name			ACS Textiles (Bangladesh) Ltd. & ACS Towel Limited.							
Sl. No	AC ID	Facility	Location	Capacity (Ton)	Refrigerant (Gas) Type	GWP	Amount of Refrigerant (Initial) (Kg)	Yearly Refill Amount (Kg)	Total Emission in CO ₂ e from Yearly Refill Amount (Kg)	Comments
193	Dryer-11	Textiles	Compressor- Unit-02	10	R-404A	3943	8	0	0	No Leaks Found
194	Dryer-12	Textiles	Compressor- Unit-02	10	R-404A	3943	7.5	0	0	No Leaks Found
195	Dryer-13	Textiles	Compressor- Unit-02	10	R-404A	3943	7.5	0	0	No Leaks Found
196	Dryer-14	Textiles	Compressor- Unit-02	10	R-404A	3943	7.5	0	0	No Leaks Found
197	Dryer-15	Textiles	Compressor- Unit-02	10	R-404A	3943	7.5	0	0	No Leaks Found
198	Dryer-16	Textiles	Compressor- Unit-02	10	R-404A	3943	7.5	0	0	No Leaks Found
199	Dryer-17	Textiles	Compressor- Unit-02	10	R-410A	1924	12	0	0	No Leaks Found
200	Dryer-18	Textiles	Compressor- Unit-02	10	R-404A	3943	8	0	0	No Leaks Found
201	Rf-04	Textiles	Pantry Room, Office Building, Ground Floor	4 cft	R-134A	1300	70 W	0	0	No Leaks Found
202	Rf-05	Textiles	Medical, Weaving Building-01, Ground Floor	6.5 cft	R-134A	1300	70 W	0	0	No Leaks Found
203	Rf-06	Textiles	GM Room, Office Building, 1st Floor	4 cft	R-134A	1300	70 W	0	0	No Leaks Found
204	Rf-07	Textiles	GM (Technical) Room, Utility Building-01, 1st Floor	7.5 cft	R-134A	1300	100 W	0	0	No Leaks Found
205	Rf-08	Textiles	Kitchen Room, Dormatory Building, Ground Floor	10 cft	R-134A	1300	130 W	0	0	No Leaks Found
206	Rf-09	Textiles	Kitchen Room, Dormatory Building, Ground Floor	10 cft	R-134A	1300	130 W	0	0	No Leaks Found
207	Rf-10	Textiles	Worker Canteen, Chemical Building, Roof Top	6 cft	R-134A	1300	70 W	0	0	No Leaks Found
208	Rf-11	Textiles	Staff Canteen, Chemical Building, 1st Floor	8 cft	R-134A	1300	120 W	0	0	No Leaks Found
209	Rf-12	Textiles	Showroom, Office Building, 1st Floor	250 Ltr	R-134A	1300	150 W	2	2600	No Leaks Found
210	AC-36	Towel	CAD Room-01, Towel Building, 1st Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
211	AC-37	Towel	CAD Room-01, Towel Building, 1st Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
212	AC-38	Towel	CAD Room-01, Towel Building, 1st Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
213	AC-39	Towel	CAD Room-01, Towel Building, 1st Floor	2 Ton	R-22	1810	1.5	2	3620	No Leaks Found
214	AC-40	Towel	CAD Room-02, Towel Building, 1st Floor	2.5 Ton	R-22	1810	2.5	0	0	No Leaks Found
215	AC-41	Towel	CAD Room-02, Towel Building, 1st Floor	2.5 Ton	R-22	1810	2.5	0	0	No Leaks Found
216	AC-42	Towel	CAD Room-02, Towel Building, 1st Floor	2.5 Ton	R-22	1810	2.5	0	0	No Leaks Found
217	AC-43	Towel	Testing Lab,Towel Building, 1st Floor	1.5 Ton	R-22	1810	1.2	1.5	2715	No Leaks Found
218	AC-44	Towel	Testing Lab,Towel Building, 1st Floor	1.5 Ton	R-22	1810	1.2	1.5	2715	No Leaks Found
219	AC-45	Towel	Colour Matching Lab, Towel Building, 1st Floor	3 Ton	R-410A	1924	3	0	0	No Leaks Found
220	AC-47	Towel	Lab Manager Room, Towel Building, 1st Floor	1 Ton	R-22	1810	0.9	0	0	No Leaks Found

Factory Name			ACS Textiles (Bangladesh) Ltd. & ACS Towel Limited.							
Sl. No	AC ID	Facility	Location	Capacity (Ton)	Refrigerant (Gas) Type	GWP	Amount of Refrigerant (Initial) (Kg)	Yearly Refill Amount (Kg)	Total Emission in CO ₂ e from Yearly Refill Amount (Kg)	Comments
221	AC-48	Towel	Dark Room, Towel Building, 1st Floor	1 Ton	R-22	1810	0.9	0	0	No Leaks Found
222	AC-49	Towel	Towel GM Room + Server Room, Towel Building, 1st Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
223	AC-50	Towel	Towel GM Room + Server Room, Towel Building, 1st Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
224	AC-51	Towel	Yarn Dyeing GM Room, Towel Building, Ground Floor	2 Ton	R-410A	1924	1.5	0	0	No Leaks Found
225	AC-52	Towel	Engraving/Screen Coating Room, Towel Building, Ground Floor	2.5 Ton	R-22	1810	2.5	0	0	No Leaks Found
226	AC-53	Towel	Engraving/Screen Coating Room, Towel Building, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
227	AC-54	Towel	Engraving/Screen Coating Room, Towel Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
228	AC-55	Towel	Engraving/Screen Coating Room, Towel Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
229	AC-56	Towel	Flatbed Panel Room, Towel Building, Ground Floor	2 Ton	R-22	1810	1.5	6	10860	No Leaks Found
230	AC-57	Towel	Flatbed Panel Room, Towel Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
231	-	-	Photoshut Room	3 Ton	R-23	1810	1.5	1.5	2715	No Leaks Found
232	AC-58	Towel	Coating Panel Room, Towel Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
233	AC-59	Towel	Coating Panel Room, Towel Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
234	AC-60	Towel	Electrical Office, Towel Building, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
235	AC-61	Towel	Mechanical Office, Towel Building, Ground Floor	1 Ton	R-22	1810	0.9	0	0	No Leaks Found
236	AC-62	Towel	GM (Towel Weaving) Office, Towel Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
237	AC-63	Towel	Yarn Testing Lab Room, Towel Building, Ground Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found
238	AC-64	Towel	Admin (Weaving) Office, Towel Building, Ground Floor	1 Ton	R-22	1810	0.9	1.5	2715	No Leaks Found
239	AC-65	Towel	Electrical (Weaving) Office, Towel Building, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
240	AC-66	Towel	Towel Weaving Manager, Towel Building, Ground Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
241	AC-67	Towel	Sizing Machine Panel Room-1,Towel Building, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
242	AC-68	Towel	Sizing Machine Panel Room-2,Towel Building, Ground Floor	2 Ton	R-22	1810	1.5	1.5	2715	No Leaks Found
243	AC-69	Towel	Towel Sizing Office Room, Towel Building, Ground Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
244	AC-70	Towel	Towel Stitching Admin Office, Towel Building, 1st Floor	1 Ton	R-22	1810	0.9	0	0	No Leaks Found
245	AC-71	Towel	Towel Stitching G.M Room, Towel Building, 1st Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
246	AC-72	Towel	Towel Stitching G.M Room, Towel Building, 1st Floor	1.5 Ton	R-22	1810	1.2	0	0	No Leaks Found
247	AC-73	Towel	Inspection/QC Room (Stitching), Towel Building, 1st Floor	2 Ton	R-22	1810	1.5	3	5430	No Leaks Found
248	AC-74	Towel	Inspection/QC Room (Stitching), Towel Building, 1st Floor	2 Ton	R-22	1810	1.5	0	0	No Leaks Found

Factory Name			ACS Textiles (Bangladesh) Ltd. & ACS Towel Limited.							
Sl. No	AC ID	Facility	Location	Capacity (Ton)	Refrigerant (Gas) Type	GWP	Amount of Refrigerant (Initial) (Kg)	Yearly Refill Amount (Kg)	Total Emission in CO ₂ e from Yearly Refill Amount (Kg)	Comments
249	AC-75	Towel	Training Room, Towel Building, 1st Floor	3 Ton	R-22	1810	3	0	0	No Leaks Found
250	AC-234	Towel	Towel Stitching Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
251	AC-235	Towel	Towel Stitching Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
252	AC-236	Towel	Towel Stitching Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
253	AC-237	Towel	Towel Stitching Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
254	AC-238	Towel	Yarn Dyeing Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
255	AC-239	Towel	Yarn Dyeing Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
256	AC-240	Towel	Yarn Dyeing Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
257	AC-241	Towel	Yarn Dyeing Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
258	AC-242	Towel	Yarn Dyeing Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
259	AC-243	Towel	Yarn Dyeing Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
260	AC-244	Towel	Yarn Dyeing Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
261	AC-245	Towel	Yarn Dyeing Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
262	AC-246	Towel	Angleda Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
263	AC-247	Towel	Angleda Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
264	AC-248	Towel	Angleda Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
265	AC-249	Towel	Angleda Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
266	AC-250	Towel	Angleda Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
267	AC-251	Towel	Angleda Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
268	AC-258	Towel	Towel Washing Machine Panel AC	N/A	R-134A	1300	0	0	0	No Leaks Found
Total Yearly Emission (kg)								220.7	399872	

Discussion and Recommendation:

GREENBUD Testing & Inspection Services Private Limited has tested all possible equipment, which can emit Ozone Depleting Substances (ODS). The facility uses Four types of Refrigerants: **R-22, R-410A, R-404A and R-134A.**

Table 1: Total emission

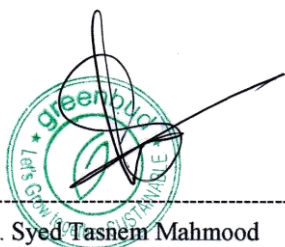
Facility	Yearly Emission of CO ₂ e in kg
ACS Textiles (Bangladesh) Ltd.	355527
ACS Towel Limited.	44345

Table2: List of Refrigerants with GWP

Refrigerant Type	GWP
R-22	1810
R-410A	2088
R-404A	3943
R-134A	1300

From Table-1, it can be seen that cooling units equipped with the refrigerant R-22 can be responsible for both Global Warming and Ozone Depletion if leakage occurs. On the other hand, R-410A can be responsible for Global Warming only if leakage occurs. However, Total refrigerant refill amount is **220.7 kg** and CO₂e from yearly emission has been found **399872 kg**. Mainly all cooling facility was checked which use refrigerant for cooling.

No mentionable leakage was found during inspection. All equipment is well maintained and conditioned. But factory must conduct this test once in a year and continue its journey through an environment friendly and sustainable path. Factory is also recommended to repair any kind of leakage as soon as that happen to reduce the emission.



Engr. Syed Tasnem Mahmood
CEO and Chief Environmental Engineer
GREENBUD

MIEB No.: M/35960

ISO 14001 certification Number.: EA/15/IN/16050

ISO 50001 certification Number.: ENMS/16/IN/533

Appendix:



Figure: ODS leak test check

Testing Device:

GREENBUD Testing & Inspection Service Private Limited used “**EM-282-R Ultrasonic Leak Detector**”. The device equipped with ultrasonic sound detection sensor to detect the ultrasonic sound generated by the turbulence created by air or a gas forced through a small orifice.



Figure: Amprobe EM-282 Ultrasonic Leak Detector.

Technical Specification

Operating Temperature	32 °F to 100 °F
Storage Temperature	-40 °F to 150 °F
Weight	6.3 oz with battery
Dimensions	7.3 x 2.5 x 1 in
Frequency Response	35 kHz to 45 kHz + 6 db
Power Consumption	22 mA at 9 Volts DC
Battery Life	33 hours (9 V alkaline battery)
Performance	Meets the ASTM Standard: ASTM E1211-07
Battery Test	LED color indicator (Green-Good; Red-Replace)



STANDARD CALIBRATION SERVICE PRIVATE LIMITED

www.scsbd-ltd.com



Corporate Office

Rabeya Commercial Complex, 33/Kha (5th Floor)
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Laboratory Location

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Tel: +88-02-48117267, Cell: +880 1921 612324, +880 1919 958147-50
E-mail: info@scsbd-ltd.com, www.scsbd-ltd.com

CERTIFICATE of CALIBRATION

Certificate No. 02411064303
Issue Date 08/04/2024

Customer Details:

Name **Greenbud**
Address Level:14, Building No:02, Confidence Center, Kha-09,
Shahjampur, Gulshan, Dhaka-1212,
Bangladesh.

Details of Unit Under Calibration (UUC):

Description Ultrasonic Leak Detector
Manufacturer Allosun
Model/Type EM282-R
Serial Number N/P
ID No. GB-150-022-002
Range/working Range Ref.On.Obs
Least Count Ref.On.Obs
Accuracy As Per Instrument
Location of Calibration Laboratory
Visual Inspection OK

Date of Calibration 06/04/2024
Suggested Due Date 05/04/2025

Calibration Procedure The calibration had been performed in accordance with calibration procedure COP/SCS/323

Calibration Result The details of standard equipment used for calibration & result of calibration are given in page 2.

Conclusion For the status of measurements please refer to the guidance notes.

Environment: (certified against calibrated digital temperature & humidity meter)

Temperature (°C) 25 ± 4
Relative Humidity (%RH) <70

This certificate is issued strictly in accordance with the requirements of ISO 17025:2017. All calibration equipments are traceable to the International Standards. Documentary evidence is available upon request.

02411064303

Page 1 of 2



STANDARD CALIBRATION SERVICE PRIVATE LIMITED

www.scsbd-ltd.com



Corporate Office

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Shaheenbagh, Tejgaon, Dhaka-1215
Tel: +88-02-48117267, Cell: +880 1921 612324, +880 1919 958147-50
E-mail: info@scsbd-ltd.com, www.scsbd-ltd.com

CERTIFICATE of CALIBRATION

Details of Standard Equipment Used for Calibration:

Sl. No.	Description	Make	Inst. Sl. /ID NO.	Certificate No.	Validity	Calibrated By
01	Leak Detector	Smart Sensor	SCS/LD/01	QSI/1355/23/10	08/10/2024	QSI-INDIA
02	Multi-function Process Calibrator	FLUKE	SCS/MPC/03	QSI /0591/23/12	20/12/2024	QSI-INDIA
03	Thermo Hygrometer (Data Logger)	CEM	SCS/DL/05	QSI/1982/23/10	08/10/2024	QSI-INDIA

Guidance Notes:

- Status A** The measurement is within tolerance, due allowances having been made for the uncertainty of the measurement.
Status B The measurement may be out of tolerance, due allowances having been made for the uncertainty of the measurement.
Status C The measurement is out of tolerance, due allowances having been made for the uncertainty of the measurement.
Status D No conclusion can be drawn, because the standard(s) do(es) not specify a tolerance for this measurement.

OBSERVATION:

	Detection	(Pass/Fail)
High	OK	Pass
Medium	OK	
Low	OK	

Record sensitivity result:

Sl	Parameter	Status
01	Sensitivity	Good
02	Transmitting Ability	Good

*The overall uncertainty shall be calculated as per ISO "Guide to the Expression of Uncertainty in Measurement" (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level.

Notes:

- The values mentioned above are the mean readings.
- No adjustment was done during the calibration.
- Any section marked, "N/A" means Not Applicable, "N/P" means Not Provided, "N/R" means Not Readable, "N/S" means Not Specified.

Calibrated By:

Md. Mobinul Islam
(Sr. Calibration Engineer)

Issued By:

Md. Azman Anwar Razu
(Technical Manager)

End of Calibration Certificate

02411064303

Page 2 of 2



ACCREDITATION CERTIFICATE

Issued under the authority of Bangladesh Accreditation Act, 2006
by Bangladesh Accreditation Board (BAB), Ministry of Industries to

GREENBUD Testing & Inspection Services
14A, Level-14, Building 2, Confidence center
Kha-09, Sahajadpur, Gulshan, Dhaka-1212, Bangladesh

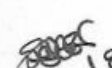
This is to certify that this

Inspection Body(Type-A)
is accredited in accordance with the international standard

ISO/IEC 17020:2012
in respect of the associated scope, subject to the terms and
conditions governing the relevant conformity assessment
body (CAB) accreditation.

Certificate Number : 05.003.18
Accreditation Date : 28 June 2018
Date of Issuance : 18 Aug 2024 (2nd Renewal)
Date of Expiration : 27 June 2027



 18. 08.2024
Md. Anwarul Alam
Director General

This certificate must be returned on request; reproduction must follow BAB guidelines. For the specific
scopes to which this accreditation applies, please refer to the Directory of CABs at BAB website.