Allied Blenders & Distillers

ABD/RANGAPUR/IMFL/TGPCB/2024-25/33

Date: 19.09.2025

To,
The Environmental Engineer,
Regional Office, Telangana State Pollution Control Board,
4th Floor, Collectorate Office, Lakidikapul,
Hyderabad, Telangana– 500004

Dear Sir/Madam,

Subject: M/s Allied Blenders and Distillers Limited, at Survey No. 700, Village -Rangapur, Mandal - Pebbair, District - Wanaparthy, State - Telangana 509104 - Environmental Statement Form-V for FY 2024-2025 Submission - Regarding.

Refer:
1. **Consent and HW Authorization Order no. 637-MBNR/TSPCB/ZOH/TS-iPASS/CFO/2022-754, Dated 22.01.2022**
2. **Name Change Order No. 637-MBNR/TSPCB/ZOH/CFO/2022-1434, Dated 29.11.2022**

With reference to above, M/s Allied Blenders and Distillers Limited, at Survey No. 700, Village - Rangapur, Mandal - Pebbair, District - Wanaparthy, State – Telangana, we are herewith submitting the Environmental Statement Form-V for the for the period of April – 2024 to March – 2025 for the IMFL, Rangapur Unit.

Kindly acknowledge the receipt of the same.

Thanking you.

Yours Faithfully,

M/s. Allied Blenders and Distillers Limited

Allied Blenders & Distillers Limited ★ RANGAPUR ★

Venkatesan K

(Plant Head - IMFL)

TELANGANA POLLUTION CONTROL BOARD-REGIONAL OFFICE-HYDERABAD
Inward No.....
20 SEP 2025

Enclosure: Form V for FY 23-24

Environment Statement
(Form-V)
2024-2025

For

Indian Made Foreign Liquor (1,16,80,000 Cases/annum) Unit
Rangapur(V) Pebbair,(M), Wanaparthy Dist.
Telangana State Pin Code - 509104

M/S. Allied Blenders and Distillers Limited

Submitted to:
Regional office
Telangana State Pollution Control Board
4th Floor, Collectorate Office, Lakidikapul,
Hyderabad, Telangana– 500004

Environment Statement

An Environmental audit is a thorough self-examination of a Company's practices of pollution Control and environment protection. An "Audit" is now a legally defined activity which differs from the normal environmental reviews that were hitherto produced. The statutory audit expects evaluation of efforts for resource conservation during the period under review but does not feel satisfied unless this is reflected positively in lowering of the manufacturing cost. The statutory audit therefore suggests that this be followed by an advanced environmental audit to follow the Rule 14, not merely in letter but also in spirit.

Environmental Audit (EA) was first notified under the Environment (Protection) Act, 1986, by the Ministry of Environment and Forests, Government of India. By an Amendment, in the year 1993, the term for the document has been revised from "Environment Audit Report" to "Environment Statement". Environment Statement has to be submitted by every person carrying on an industry operation or process requiring consent under section 25 of the water (Prevention and Control of Pollution) Act 1974 or under section 21 of the Air (Prevention and Control of Pollution) Act of 1981 or both or authorization under the Hazardous wastes (Management and Handling) Rules of 1989 issued under the environment (protection) Act of 1986.

The statement has to be submitted to the concerned pollution control board for the period ending on 31st March in Prescribed format by 30th September every year beginning from 1993.

The prescribed Performa has nine parts and covers items like water and raw material consumption, pollution discharged to environment per unit of output of the parameters specified in the consent, hazardous waste from pollution control facilities, solid waste from the process and from the pollution control facilities, impact of pollution abatement measures on the conservation of natural resources and on cost of production.

Realizing the necessity and recognizing the importance of Environment statement, M/s Allied Blenders and Distillers Limited has given work permit to Dr.B.B.S.V. Seshagiri Rao to undertake the Environment Audit Studies for the year 2024-2025

STEPS IN ENVIRONMENTAL AUDITING

The activities in Environmental auditing are conducted in three main steps:

1. Pre-audit activities (home work)
2. Work at industry site (industry visit)
3. Post audit activities (work at site & home)

Audit team

The audit team is selected from officials of an organization and EMS consultant who have fair knowledge of Process and Tech-legal issues pertaining to the EHS.

1. Mr. Umasankar Padhi - Regional Manufacturing Head-South 1
2. Mr. Venkatesan K – Plant Head –IMFL Manufacturing
3. Mr. V. Srinivasa Rao – Environmental Engineer
4. Dr.B.B.S.V. Seshagiri Rao - EMS Lead Auditor

The Audit team audited the facility on 08.09.2025

PROJECT SETTINGS

The industry is located at Sy. Nos. 700, Rangapur (V), Pebbair (M), Wanaparthy District and the TSPCB was issued Consent and HW Authorization Order no. 637-MBNR/TSPCB/ZOH/TS-iPASS/CFO/2022-754, Dated 22.01.2022 and Name Change Order No. 637-MBNR/TSPCB/ZOH/CFO/2022-1434, Dated 29.11.2022 to produce the following products with a validity period up to 31.03.2031

Sr. No.	Products	Capacity
1	Indian Made Foreign Liquor (IMFL)	300 KLD (32,000 Cases per Day) or 109500 KL/annum (1,16,80,000 Cases/annum)

The industry has complied with emissions limits for DG set and also complied with all the rules and regulations specified in water (P&C) of P Act, 1974, Air (P&C) P Act,1981 and Hazardous waste rules.

MATERIAL AUDIT

Material Audit is very important component in Environment statement and is a basis for development of raw material balance of an industry for process highlighting the proposed utilization of raw materials during which reuse by product recovery and reduction of losses can be thought of. It is a useful mechanism to study the plant operations, check performance against design and to identify sources of raw materials loss which will be the basis for implementing the conservation measures. In the present case the main raw material used in the manufacture of IMFL is ENA, Special Spirit and Carmel

Production & Raw Material details for the Month April 2024 to March 2025

Production & Raw Materials details for the Month of April 24 to March 25				
Month	ENA in L	Special Spirits in L	Caramel in Kg	IMFL in Cases
Apr-24	1812652	35991	4751	4,42,911
May-24	2693731	54463	7252	7,02,795
Jun-24	3135251	65048	8207	8,04,009
Jul-24	3139577	67625	8257	8,38,947
Aug-24	2439042	48178	6419	6,27,492
Sep-24	2940263	59074	7780	7,71,204
Oct-24	2288211	40892	6184	6,03,093
Nov-24	2588839	46450	6978	6,61,925
Dec-24	2404068	42551	6079	6,20,445
Jan-25	2700154	47539	7079	7,10,795
Feb-25	2573995	48237	6826	6,70,252
Mar-25	2645737	50620	7125	6,91,581

The Average Production of IMFL is 26446.26 cases per day against CFO 32,000 cases per day 17.35 % is less than the Permitted Production /Day.

WATER AUDIT

The water consumption at ABDL (Bottling Plant) includes requirements for process water, washings, Canteen & Domestic Purpose. The water use per day by the industry is 201.0 KL/day. The entire water requirement is drawn from Krishna River, which is 1.3 KM from the plant as per CFO permitted Consumption/day 260 KLD and 22.69 % less than the Permitted Quantity.

Water Consumption During details for the April 2024 to March 2025 (unit-KLM)

Water Consumption During details for the April 2024 to March 2025				
Months	Process	Washings	Canteen & Domestic	Total
Apr-24	2848	468	786	4102
May-24	3975	625	821	5421
Jun-24	4158	1053	826	6037
Jul-24	4536	1007	981	6524
Aug-24	3068	720	810	4598
Sep-24	3912.3	1092	753	5757.3
Oct-24	2850	1011	780	4641
Nov-24	2977	1220	780	4977
Dec-24	3042	1092	909	5043
Jan-25	3285	650	1020	4955
Feb-25	3294	600	816	4710
Mar-25	3458	650	1034	5142
Total	41403.3	10188	10316	61907.3

STP Water Quality Details for the Month of April 2024 to March 2025

S.No.	parameters	standards	Units	Apr-24		May-24		Jun-24		Jul-24	
		Inland surface		STP (Inlet) Before	STP (Inlet) After	STP (Inlet) Before	STP (Inlet) After	STP (Inlet) Before	STP (Inlet) After	STP (Inlet) Before	STP (Inlet) After
1	pH	5.50 to 9.00	---	7.32	7.76	7.38	7.79	7.32	7.86	7.39	7.82
2	Total Suspended solids at 1050C	100	mg/L	79	28	81	29	87	31	71	24
3	Total Dissolved Solids at 180^0C	---	mg/L	1089	392	1093	396	1059	372	1024	346
4	Chlorides as Cl-	---	mg/L	295	91	292	93	286	91	244	86
5	Sulphates as SO42-	---	mg/L	109	34	112	36	116	32	102	32
6	Sulphide as S2-	---	mg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7	Total Solids	---	mg/L	1168	420	1174	425	1146	403	1095	370
8	Phosphorus as P	---	mg/L	1.4	<1.0	1.3	<1.0	1.2	<1.0	1.3	<1.0
9	Chemical Oxygen Demand	250	mg/L	47	23	49	26	45	23	45	22
10	Biological Oxygen Demand (3 Day at 27oC)	30	mg/L	21	7	23	7	21	6.3	19	6
11	Oil & Grease	10	mg/L	1	<1.0	1	<1.0	1	<1.0	1	<1.0
12	Nitrate Nitrogen as NO_3	50	mg/L	3.5	<1.0	3.4	<1.0	3.2	<1.0	3.3	<1.0

Aug-24		Sep-24		Oct-24		Nov-24		Dec-24	
STP (Inlet) Before	STP (Inlet) After	STP (Inlet) Before	STP (Inlet) After	STP (Inlet) Before	STP (Inlet) After	STP (Inlet) Before	STP (Inlet) After	STP (Inlet) Before	STP (Inlet) After
7.26	7.81	7.38	7.89	7.31	7.76	7.36	7.82	7.39	7.86
92	34	92	34	98	32	126	46	132	49
1127	397	1186	395	1124	362	1247	374	1256	382
271	83	253	76	241	71	232	68	236	69
114	31	110	27	106	26	104	25	108	27
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1219	431	1439	429	1222	394	1373	391	1388	431
1.3	<1.0	1.2	<1.0	1.1	<1.0	1	<1.0	1	<1.0
42	21	38	19	36	18	34	16	36	14
19	6	16	5			18	7	16	6
1	<1.0	1	<1.0	1	<1.0	1	<1.0	1	<1.0
3.3	<1.0	3.1	<1.0	3	<1.0	2.8	<1.0	2.6	<1.0

Jan-25		Feb-25		Mar-25	
STP (Inlet) Before	STP (Inlet) After	STP (Inlet) Before	STP (Inlet) After	STP (Inlet) Before	STP (Inlet) After
7.82	8.04	7.94	8.62	7.98	8.74
102	34	110	34	116	38
1204	398	1268	432	1346	468
258	78	272	84	288	92
112	30	118	32	125	35
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1306	432	1378	466	1462	506
1.2	<1.0	1.4	<1.0	1.6	<1.0
38	22	40	26	44	28
13	7	14	8	15.4	9
1	<1.0	1.1	<1.0	1	<1.0
3.2	<1.0	3.4	<1.0	3.6	<1.0

Waste Water Quality Monitoring

Sample of wastewater was collected from the site for the assessment of impacts of the Plant on discharge point.

ETP Water Quality Details for the Month of April 2024 to March 2025

sl.No.	parameters	Units	Apr-24		May-24		Jun-24		Jul-24		Aug-24		Standards
			ETP (Inlet) Before	ETP (Inlet) After	ETP (Inlet) Before	ETP (Inlet) After	ETP (Inlet) Before	ETP (Inlet) After	ETP (Inlet) Before	ETP (Inlet) After	ETP (Inlet) Before	ETP (Inlet) After	Inland Surface
1	pH	---	6.49	7.73	6.52	7.76	6.48	7.81	6.43	7.68	6.32	7.76	5.50 to 9.00
2	Total Suspended Solids at 105^{0}C	mg/L	59	33	61	35	66	38	54	32	71	34	100
3	Total Dissolved Solids at 180^{0}C	mg/L	612	86	622	89	628	86	603	81	697	83	---
4	Chlorides as Cl-	mg/L	117	35	119	36	124	41	111	35	129	46	---
5	Sulphates as SO42-	mg/L	22	12.2	23	13.6	26	13.9	24	13.1	29	14	---
6	Sulphide as S2-	mg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	---
7	Total Solids	mg/L	671	119	683	125	694	124	135	116	768	117	---
8	Phosphorus as P	mg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	---
9	Chemical Oxygen Demand	mg/L	74	32	76	33	75	32	68	26	68	31	250
10	Biological Oxygen Demand (3 Day at 27oC)	mg/L	19	7	18	7	19	7.3	16	7			30
11	Oil & Grease	mg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	10
12	Nitrate Nitrogen as NO_3	mg/L	3	1.5	3.1	1.3	3.2	1.6	2.6	1.2	3.1	1.5	50

Sep-24		Oct-24		Nov-24		Dec-24		Jan-25		Feb-25		Mar-25		Standards
ETP (Inlet) Before	ETP (Inlet) After	ETP (Inlet) Before	ETP (Inlet) After	ETP (Inlet) Before	ETP (Inlet) After	ETP (Inlet) Before	ETP (Inlet) After	ETP (Inlet) Before	ETP (Inlet) After	ETP (Inlet) Before	ETP (Inlet) After	ETP (Inlet) Before	ETP (Inlet) After	Inland Surface
6.38	7.72	6.46	7.89	6.49	7.83	6.52	7.86	6.98	8.02	7.32	8.28	7.08	8.42	5.50 to 9.00
70	32	73	34	76	35	81	37	82	36	86	48	82	56	100
713	91	706	85	702	89	718	196	784	92	824	102	796	124	---
134	49	124	46	129	48	134	51	138	50	146	56	142	68	---
31	16	28	17	26	16	28	19	32	18	34	20	30	25	---
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	---
783	123	779	119	779	119	799	110	779	126	910	150	878	180	---
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	---
67	30	66	27	66	27	68	26	74	30	78	34	75	42	250
18	7			16	6	12	7	18	9	26	10	24	15	30
<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	10
3	1.3	3.2	1.2	3.2	1.2	3.6	1.4	3.6	1.3	3.8	1.5	4.1	1.8	50

Our ETP Plant performance in terms of reduction of pollution load is TDS reduction is 85.68 %, COD reduction is 56.72 % and reduction is BOD 57.02 %.

Our STP performance in terms of reduction of pollution load is TDS – 66.38 %, COD-47.76% & BOD-61.47%

ENVIRONMENTAL QUALITY

The basic aim of Environmental Quality Audit is to make industry aware of the benefits and promote low and non-waste technological methods of production which help in minimizing generation of residuals and thereby preserving environmental quality. Proper operation and maintenance practices also help in reducing emissions from the industry to arrest Environmental Quality deterioration. Environmental Quality is visualized through the following components.

1. Waste water
2. Air Quality
3. Noise
4. Solid Wastes

AIR QUALITY

The various air pollutants generated from the industry are grouped as under:

Stack Connected to	--	1500 kVA D.G. Set.
Stack Height	Meters	13.0
Stack Diameter	Meters	0.38
Stack Cross Sectional Area	Sq. m	0.113
Temperature	K	400
Velocity	m/s	9
Flow Rate	m^3/hr	3158

Stack Emissions attached to 1500 KVA DG Set

for Month of April 2024 to March 2025

Month	PM	Oxides of Nitrogen (mg/Nm3)	Sulphur Dioxide
	(mg/Nm3)		(mg/Nm3)
Method	IS-11255 (Part-1): 1985	IS-11255 (Part-7): 2005	IS-11255 (Part-2): 1985
CPCB Guidelines as per GSR 771 (E)	<115 mg/Nm^3	<600 mg/Nm^3	<800 mg/Nm^3
Apr-24	46	63	51
May-24	48	64	53
Jun-24	47	62	51
Jul-24	42	59	47
Aug-24	42	58	49
Sep-24	46	51	48
Oct-24	42	53	46
Nov-24	41	53	48
Dec-24	38	46	32
Jan-25	40	52	44
Feb-25	46	58	42
Mar-25	48	62	40
Average	43.83	56.75	45.92

SPM levels are 61.88% less than the standard limit

SO2 levels are 94.26% less than the Standard limit

NOx levels are 90.54 % less than the Standard limit

AMBIENT AIR QUALITY

Ambient air quality survey was also carried out to know the general atmosphere conditions prevailing in the vicinity of the industry. Three permanent points were located and monitored regularly every month. The results show that there is not much of a difference in both the conditions as can be seen from the results are given below indicates low concentration of PM10, PM2.5, SO_2 and NO_x compared to ambient air quality standards. Fugitive emissions were also tested every month from various dust generating points and the dust concentration was found to be within the stipulated limits.

Ambient Air Quality for Year 2024-25

Units: µgm/m3

Parameter	PM10		PM2.5		SO2		NOx	
NAAQS	100		60		80		80	
Month	Near Main Gate	Near D.G. Set area	Near Main Gate	Near D.G. Set area	Near Main Gate	Near D.G. Set area	Near Main Gate	Near D.G. Set area
Apr-24	59	47	29.2	24.6	23.8	26.5	31	27
May-24	56	45	27.3	22.8	24.6	25.1	32	29
Jun-24	51	48	24.8	22.6	23.6	24.5	31	27
Jul-24	41	36	22.3	19.5	20.9	21.3	24	26
Aug-24	41	46	19.6	21.3	20.4	23.8	28	31
Sep-24	46	42	21.8	20.6	19.6	21.7	24	29
Oct-24	39	41	18.6	20.3	21.3	24.6	26	31
Nov-24	34	42	19.4	21.6	22.4	23.7	29	32
Dec-24	31	45	16.6	22.4	24	29	32	41
Jan-25	42	38	20.4	19.6	22.6	25.2	28	34
Feb-25	46	42	23.6	20.4	25.2	26.8	30	34
Mar-25	50	38	24.5	21.8	22.8	24.6	32	36

1. Avg.PM10 in Near Main Gate is 44.67 µgm/m3 and 55.33 % less than the Standard limit
2. Avg.PM10 in DG Area is 42.50 µgm/m3 and 57.50 % less than the Standard limit
3. Avg.PM2.5 in Near Main Gate is 22.34 µgm/m3 and 62.76% less than the Standard limit
4. Avg.PM2.5 in DG Area is 21.46 µgm/m3 and 86.59 % less than the Standard limit
5. Avg. SO2 in Near Main Gate is 22.60 µgm/m3 and 71.75% less than the Standard limit
6. Avg. SO2 in DG Area is 24.73 µgm/m3 and 69.08% less than the Standard limit
7. Avg. NOx in Near Main Gate is 28.92 µgm/m3 and 63.85 % less than the Standard limit
8. Avg. NOx in DG Area is 31.42 µgm/m3 and 68.75 % less than the Standard limit

Ambient Noise Quality for Year 2024-25 Day time Unit: dB(A)

Ambient Noise Monitoring Data for 2024-2025											
Month	D.M. Water Plant	Bottling Hall-Washing	Bottling Hall (Filling-Selling)	Bottling Hall (Inspection)	Blending Hall (Spirit Storage)	Packaging Material Storage	Empty Bottle Storage	FG Storage-Forklift Pathway	Engineering Workshop	Administrative Building	Loading Point
Apr-24	68.3	70.5	69.9	66.7	70.4	58.3	50.2	54.8	66.7	47.6	60.9
May-24	66.7	70.3	68.9	67.3	71.5	57.1	52.2	53.7	65.1	46.3	61.7
Jun-24	65.8	70.4	66.7	68.3	70.9	55.1	53.6	52.5	64.6	43.1	58.7
Jul-24	66.8	71.3	68.6	69.4	70.9	56.6	48.1	52.7	65.2	46.8	57.3
Aug-24	66.2	71.3	69.2	67.4	70.7	56.3	52.8	53.3	65.6	42.5	55.4
Sep-24	67.3	70.6	69.8	66.2	71.4	57.6	53.1	52.7	64.2	40.1	54
Oct-24	66.9	71.3	68.7	65.2	70.1	56.5	52.4	50.2	63.7	39.6	53.8
Nov-24	68.6	70.5	69.3	66.7	70.6	54.1	53.4	48.2	62.7	38.1	52.4
Dec-24	66.3	71.6	68.2	64.3	70.1	53.7	50.6	46.4	60.6	36.8	51.9
Jan-25	65.8	70.6	68.2	66.4	69.8	56.1	53.4	51.2	64.7	39.2	54.8
Feb-25	64.3	70.5	69.8	65.5	70.8	57.6	53.6	50.8	65.4	42.9	53.5
Mar-25	65.5	69.8	68.2	64.6	69.8	58.2	53.5	51.4	66.3	43.5	53.8
Average	66.54	70.73	68.79	66.50	70.58	56.43	52.24	51.49	64.57	42.21	55.68

ENVIRONMENTAL QUALITY AUDIT

Ambient Air Quality monitoring was carried out to assess the status of existing air quality within the industries complex as well as nearby vegetation area. Three air pollution parameters namely PM10, PM2.5, SO_2 and NO_x were measured during the survey. In order to assess the stack emissions, stack monitoring was carried out from a chimney of coal fired boilers as well from diesel generating sets. Monitoring and analysis of water and waste water discharges from disposal points were carried out. Work zone monitoring was carried out to know exposure concentrations. Noise levels were measured after identifying critical noise zones. Existing facilities for handling/disposal of solid waste were evaluated critically.

ENVIRONMENT QUALITY MANAGEMENT

The importance of Environmental Quality Audit is to make the industry aware of its usefulness and to promote new methods or process which will reduce or eliminate the discharge of various residues which find its way in the form of pollutants like wastewater, solid waste or noise and thereby preserving environmental quality.

Proper operation and maintenance practices also help in reducing emissions from the industry to avoid environmental quality deterioration. There are four components in environmental quality audit namely,

- Water pollution
- Air pollution
- Solid Waste
- Noise

FORM V

Environmental Statement for the financial year ending on 31st March 2025 (2024-25)

PART -A

i.	Name and address of the owner/ Occupier of the industry operation or process	Mr. Arun Barik (Executive Director) M/s Allied Blenders and Distillers Limited at Survey No. 700, Village -Rangapur, Mandal - Pebbair, District - Wanaparthy, State - Telangana 509104
ii.	Category	Orange Category
iii.	List of Products	Indian Made Foreign Liquor (IMFL) 300 KLD (32,000 Cases per Day) or 109500 KL/annum (1,16,80,000 Cases/annum)
iv.	Year of Establishment	2017
v.	Date of the last Environmental Submitted	27.09.2024

PART B

Water and Raw Material Consumption

Water Consumption for the FY 2024-2025 is as given below

Unit: KLM

Water Consumption During details for the April 2024 to March 2025				
Months	Process	Washings	Canteen & Domestic	Total
Apr-24	2848	468	786	4102
May-24	3975	625	821	5421
Jun-24	4158	1053	826	6037
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Oct-24	2850	1011	780	4641
Nov-24	2977	1220	780	4977
Dec-24	3042	1092	909	5043
Jan-25	3285	650	1020	4955
Feb-25	3294	600	816	4710
Mar-25	3458	650	1034	5142

Sr. No.	Purpose	Total water consumption-KLD
1	Process	113.43
2	Washings	27.91
3	Canteen & domestic	28.26
Total		169.61

Water Consumption Per Unit of Product

Name of Products	During the Previous Financial Year Product 2020-2021	During the Current Financial Year Product 2021-2022	During the Current Financial Year Product 2022-2023	During the Current Financial Year Product 2023-2024	During the Current Financial Year Product 2024-2025
Indian Made Foreign liquor (IMFL)	0.0094 KL/case	0.0099KL/case	0.0084KL/case	0.0082 KL/Case	0.0076 KL/Case

Raw Materials Consumption

Name of the Raw Material	Raw Materials consumption 2020-21	Raw Materials consumption 2021-22	Raw Materials consumption 2022-23	Raw Materials consumption 2023-24	Raw Materials consumption 2024-25
ENA	0.0374 KL/case	0.0464 KL/case	0.00386KL/case	0.00385 KL/Case	0.00385 KL/Case
Sprit	0.000079 KL/case	0.00089 KL/case	0.000074KL/case	0.000076 KL/ Case	0.0000743 KL/ Case
Caramel	0.0048 kgs/case	0.0096 kgs/case	0.0098Kgs/case	0.0104 Kgs/Case	0.0101 Kgs/Case

PART C

POLLUTION GENERATED

(Parameters as Specified in the Consent Issues)

Waste water Generation

Unit: KLM

Waste water Generation			
Waste water generation	Process & Washing	Canteen & domestic	Total
Apr-24	687.5	645	1332.5
May-24	1000	735	1735
Jun-24	1215	870	2085
Jul-24	1400	930	2330
Aug-24	832	750	1582
Sep-24	903.6	675	1578.6
Oct-24	775	840	1615
Nov-24	702	771	1473
Dec-24	858	864	1722
Jan-25	962	878.7	1840.7
Feb-25	1008	696	1704
Mar-25	1040	945	1985

Wastewater from Process and washings together is Avg.31.19 KLD and Avg. Canteen and Domestic together is 26.30 KLD hence, total Avg. wastewater generation from the bottling Plant is 57.48 KLD and wastewater is treated in the in-house treatment plant. The Pollution loads are follows,

Wastewater inlet Parameters	Treated water Parameters
pH----6.62	pH-7.89
TDS-700.41 mg/lit	TDS-100.33 mg/lit
TSS-71.75 mg/lit	TSS-37.5 mg/lit
COD-71.25 mg/lit	COD-30.83 mg/lit
BOD -18.66 mg/lit	BOD-8.02 mg/lit

COD reduction is 56.72 % and BOD reduction is 57.02 %

PART D

HAZARDOUS WASTES

(as specified under Hazardous Wastes (Management and Handling) Rules, 2016)

Hazardous Waste	Total Qty. 2020-21	Total Qty. 2021-22	Total Qty. 2022-23	Total Qty. 2023-24	Total Qty. 2024-25
From Process	NIL	Nil	Nil	Nil	Nil
From Pollution Control Equipment	NIL	Nil	Nil	Nil	Nil
Waste oil	445 LPA	330 LPA	200 LPA	661.05 LPA	460 LPA

PART E

SOLID WASTES

Solid Waste disposal from April 2024 to March 2025

Unit: Kgs

Hazardous and solid Waste Data for 2024-2025			
Description of waste Items	Glass Scrap & broken glass	Paper cartoon	Plastic waste (Caps & PET)
Disposal Option	Disposed to glass industries for recycling	Disposed to paper industries for recycling	Disposed to plastic industries for recycling
As per CFO	750 TPA	250 TPA	-
Apr-24	0	41740	4860
May-24	43950	93260	5350
Jun-24	40020	21080	4270
Jul-24	50730	22020	16790
Aug-24	26560	20896	3610
Sep-24	64650	21023	4790
Oct-24	33050	19058	12030
Nov-24	48660	19270	19690
Dec-24	53640	19400	4530
Jan-25	24220	19244	7130
Feb-25	30200	20180	8860
Mar-25	32410	20040	17790
Total in Kgs	448090	337211	109700

PART F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Waste Oil: **We have generated 460 litres of waste oil during this year. However, disposal to an authorized recycler has not been carried out due to the non-availability of an approved vendor during the reporting period**

PART G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production

M/s. ABDL has taken a number of pollution control measures with respect to Water, Air, Solid Waste and in development of greenery within the factory premises.

Waste water management:

Influent and treated water quality monitoring are being done on regular basis and records are maintained in our laboratory in consultation with state pollution control board vendor M/s Re Sustainability Limited recognized with MoEF & CC & NABL. The Unit has monitoring parameters on daily basis and maintained the laboratory record. The various solid wastes as mentioned in PART E are disposed off by selling. The factory is very rich in greenery with various types of trees growing within the compound in a healthy manner.

The Unit has 1 first Aid stations at different locations in the Plant and 12 Trained & certified First Aiders.

The Unit has already obtained the permission for the withdrawal of water from Krishna River from the irrigation Department, Government of Telangana & Revenue Divisional office- Wanaparthy.

Hence, there is no significant impact since major pollutants are not generated.

PART H

Additional measures/ investment proposal for environmental protection abatement of pollution, prevention of pollution.

Investment under the Corporate Social Reasonability (CSR & Welfare) Details

Sr. No.	Financial Year	Purpose	Amount Contributed (Rs.)	Beneficiary
	24-25	Goshala at Wanaparthy Dist.	3,31,694	For supporting Cattle Grower with DWGS supply at Goshala, Wanaparthy Dist.
		Fertilizers to the farmers / per year	2,50,000	Supporting farmers at Rangapur Village, Wanaparthy Dist. for fertilizers
		Cleaning of Irrigation Canal with support of JCB	24,000	Supporting farmers at Rangapur Village, Wanaparthy Dist. for Water irrigation

PART I

MISCELLANEOUS

Any other particulars for improving the quality of the environment.

The Unit is carrying out monthly Environmental Monitoring like DG set Stack monitoring, Ambient air quality, Noise levels, Water and wastewater analysis through M/S Re Sustainability Limited recognized with MoEF & CC, NABL. the Housekeeping of the Unit is good. The Unit has provided rain water harvesting system to increases the ground water levels.

Audit Observation's:

1. The Average Production of IMFL is 26446.26 cases per day against CFO 32,000 cases per day 17.35 % is less than the Permitted Production /Day.
2. The water use per day by the industry is 201 KL/day. as per CFO permitted Consumption/day 260 KLD and 22.69 % less than the Permitted Quantity.
3. STP Plant performance in terms of Pollution load reduction is TDS reduction 66.38 %, COD reduction 47.76 % & BOD reduction is 61.47 %. ETP Plant performance in terms of pollution load reduction is TDS-85.68 %, COD-56.72 % &BOD reduction is 57.02 %
4. DG Set Avg. Stack emissions

SPM Levels are 61.88% Less than the Standard Limit
NO2 Levels are 90.54 % Less than the Standard Limit
SO2 Levels are 94.26 % Less than the Standard Limit

5. Ambient air quality

1. Avg.PM10 in Near Main Gate is 44.67 µgm/m3 and 55.33 % less than the Standard limit
2. Avg.PM10 in DG Area is 42.50 µgm/m3 and 57.50 % less than the Standard limit
3. Avg.PM2.5 in Near Main Gate is 22.34 µgm/m3 and 62.76% less than the Standard limit
4. Avg.PM2.5 in DG Area is 21.46 µgm/m3 and 86.59 % less than the Standard limit
5. Avg. SO2 in Near Main Gate is 22.60 µgm/m3 and 71.75% less than the Standard limit
6. Avg. SO2 in DG Area is 24.73 µgm/m3 and 69.08% less than the Standard limit
7. Avg. NOx in Near Main Gate is 28.92 µgm/m3 and 63.85 % less than the Standard limit
8. Avg. NOx in DG Area is 31.42 µgm/m3 and 68.75 % less than the Standard limit.
9. Avg. Noise levels are 60.52 dB(A) during the day time.
10. Glass waste generation and disposal is 448.09 TPA
11. Paper waste generation and disposal is 337.211 TPA
12. Plastic waste generation and disposal is 109.70 TPA
13. Waste oil generation 460 LPA and disposal Nil.
14. STP sludge of 525 kgs used as manure

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