



Since 1971

# Mentha & Allied Products Private Limited

A WHO/GMP & ISO 9001 : 2008 CERTIFIED COMPANY

CIN : U74899DL1983PTC016079

India's Oldest/Largest Producers and Exporters of :

MENTHA OIL-MENTHOL-PEPPERMINT OIL-PINE CHEMICALS-ORANGE OIL

Works 2 : Plot No. 1 to 6, Shri Balaji Industrial Estate, Mahuakhera Ganj, Kashipur-244713, Uttarakhand  
T: +91-9810021749, 9412251375

To,  
The National Green Tribunal,  
New Delhi

Date – 21/07/2022

**Subject: Compliance of Direction issued to us under sections – 37, 38 and 40 of the Air Pollution Act and Under sections – 41, 42, 44 and 47 of the Water Pollution Act.**

Ref : Original Application No. 401/2022 (I.A. No. 134/2022)

Respected Sir,

With reference of your letter **Original Application No. 401/2022 (I.A. No. 134/2022) Dated 25<sup>th</sup> May 2022** we are filling reply specifically responding to all material averments made therein notice or petition.

Sir we have made the following Compliance in the reference of Direction issued to us:

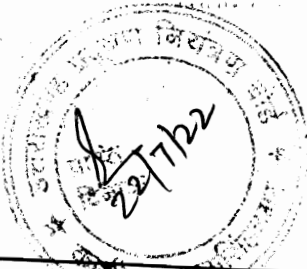
1. **Installation of Effluent Treatment Plant as proposed must be ensured for purification of effluent generated by the production of the industry (a para 5 of the consent to Establish).**

Sir, we have already installed Effluent Treatment Plant in year 2015 and quality of treated effluent water is meet with general and specific standards prescribed under Environmental (Protection) Rules, 1986. We have attached third party NABL approved latest water test quality report.

2. **A green belt of at least three rows should be developed around the industry premises. Dense and shady trees must be selected for the green belt (a para 12 of the Consent to Establish and a para 7 of the Consent to Operate renewal)**

Sir, we have already built-up green belt of at least three rows and we have a large open area which we use for plantation purpose.

Contd.....2



Registered Office : 309-3011, 3rd Floor, Pragati Tower, 26 Rajendra Place, New Delhi-110008 India .T: +91-25734201-4 .F: +91-11-25734206  
Corporate Office : Rahe-Raza, Civil Lines, Rampur-244 901 (U.P.) India .T: +91-595-2350855, 2350404 .F : +91-595-2350046  
Works 1 : 16th Kilometer Rampur-Swar Road, Rampur-244901 (U.P.) India T : +91-595-2574752, 2574753 . F : +91-595-2574754

www.menthaallied.com | info@menthaallied.com



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3. **Roof top rain water harvesting system must be arranged in the industry premises (a para 13 of the Consent to Establish)**

Sir, we have already installed rooftop rain water harvesting system within the industry premises and also well connected through conveyance system from roof to the recharge pit.

4. **Installation of separate electricity meters should be ensured to operate the proposed water and air pollution control system in the industry. For the consumption of chemical / power (electricity) should be recorded in a log book. (a para 18 of the Consent to Establish)**

Sir, we have already installed separate electricity meters to operate the proposed water and air pollution control system in the industry, We are also maintaining record in log book for usage of chemical and electricity.

5. **Installation of a stack (chimney) of 30 meter height. (a para 18 of the Consent to Establish)**

Sir we have already installed a stack (chimney) of more than 30 meters height..

Sir now we have made the necessary action to achieve the Norms and Application for the Consent to Operate.

Sir this is our humble request to revoke the Notice issued to us **under sections – 37, 38 and 40 of the Air Pollution Act and Under sections – 41, 42, 44 and 47 of the Water Pollution Act.**

Sir we are ready to comply with the Instruction issued to us and also will comply with the instructions made by you in future.

Contd.....3



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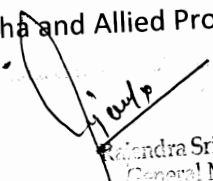
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Below are the attached documents of above mention compliance

1. Installation Bill of ETP
2. Latest water quality test report.
3. Photograph of ETP.
4. Three row green belt photograph.
5. Photograph of roof top Rain water harvesting system.
6. Photograph of separate electricity meter for water and air pollution control system.
7. Photograph of log book for usage of chemical and electricity.
8. Photograph of stack (chimney)

Thanking You.

For, Mentha and Allied Products PVT LTD

  
Rajendra Srivastava  
General Manager  
(RAJENDRA SRIVASTAVA)  
General Manager

Copy To: Regional Officer, UEPPCB, Kashipur, Distt- U.S. Nagar.

The Member Secretary, Uttarakhand Environment Protection and Pollution  
Control Board, Dehradun

Chairman, CPCB, Delhi

# ENVIRO SOLUTIONS

J-29, Site-C, Surajpur Industrial Area, Greater Noida (U.P.)

Pre-Authenticated  
For ENVIRO SOLUTIONS

Geeta Bharkar  
Authorised Signatory

Book No.

02

Bill No.

66

Date

18-11-15

Bill To

Mendis And Allied Products P. Ltd  
Plot No 1-6, Shree Balajee Inell Estate  
MehraBheraganj, Distt. Udhham Singh Nagar

Order No.

11005 / MKG / 2015-16

Date

24-04-15

TIN No.

05014397250

S.No.	PARTICULARS	Qty.	Rate	Amount Rs.	P.
	Supply of Effluent Treatment Plant				
1	Effluent Pump cap 1HP	1 No	2.5	4,00,000	IN
2	Reaction tank cap 500lit	1 No			
3	Mixing Agitator with Motor 1HP.	1 set			
4	Clarifier cap 3500lit	1 No			
5	Chemical Dosing tank cap 300lit	3 Nos			
6	Chemical Dosing pump cap 0-30lit	3 Nos			
7	Compressed Air Arrangement Blower with	1 set			
8	filter feed Pump cap Motor cap 2HP.	1 No			
9	Multigrade filter	1 No			
10	Carbon filter 1kram	1 No			
11	water flow Meter	1 No			
12	PH Meter	1 No			
13	Pressure Gauge	1 No			
14	Pipe & fittings (One Bag)	1 set			
15	M.S. Railing & ladder.	1 set			
			Total	4,00,000	IN
		CST	Vat @ 2%	8000	IN
			Total Amount	4,08,000	IN

*[Handwritten Signature]*

DL-12  
P-0257

Sum C, Against

Rs. Four lac Eight thousand only

A.C.E.  
JRM

Interest will be charged @24% per annum if bill is not paid on presentation  
Payment will be accepted by A/C payee Cheque/Drafts only.  
received Rs. .... in cash/cheque/Draft No. ....

For ENVIRO SOLUTIONS  
N. K. Bharkar  
Authorised Signatory

*[Handwritten Signature]*  
astava  
Manager



# SIMA LABS

Sophisticated Industrial Materials  
Analytic Labs Pvt. Ltd.

(GOVT. APPROVED TESTING LABORATORIES)

Address : Plot No. 37, Sector-7, I.I.E, SIIDCUL, HARIDWAR-249403

Phone : +(91)-(01334)-235552 | M : 098971 33345

Email : simaharidwar@simalab.co.in

CIN No : U74899DL1988PTC031785

Website : www.simalab.net | www.simalab.com

TESTING STREAMS : FOOD & AGRI PRODUCTS • DRUGS & COSMETICS • ENVIRONMENT • WATER

7.8 F-01



## TEST REPORT

PARTY CODE : M/UK/12258  
ISSUED TO : MENTHA & ALLIED PRODUCTS PVT. LTD.

REPORT NO. : US0704003022  
REF. NO. : NS

Plot No.1-6, Shree Balaji Industrial Estate, Mahuakhera REF. DATE : NS  
Ganj, Distt.-Udham Singh Nagar, Kashipur, Uttarakhand DT.RECD : 04/07/2022



SAMPLE NAME : EFFLUENT WATER (ETP-INLET)

RESULTS OF ANALYSIS				
Reference : Party's Requirement				
DESCRIPTION : One Effluent water sample from Inlet of ETP was drawn by us on 02/07/2022				
SAMPLING DATE : 02/07/2022			SAMPLE QTY. : 2 LTR.	
S.No.	Parameters	Units	Results	Protocols
1.	pH	NA	7.22	IS:3025 (P-11)
2.	Total Suspended Solids	mg/L	170	IS:3025 (P-17)
3.	Chemical Oxygen Demand	mg/L	487	IS:3025 (P-58)
4.	Biochemical Oxygen Demand (for 3 days at 27°C)	mg/L	180	IS:3025 (P-44)
5.	Oil & Grease	mg/L	8.6	IS:3025 (P-39)

*Arvind Gupta*  
Arvind Gupta  
Tech. Manager

Date of performance : 04/07/2022 to 08/07/2022  
NA = Not Applicable, BDL = Below Detection Limit

SAMPLE DRAWN BY US

*Arvind Gupta*  
**Arvind Gupta**  
Tech. Manager (Env.)  
AUTHORISED SIGNATORY

Date of completion : 08/07/2022

--- End of Test Report ---

Head Office : A-3/7, Mayapuri Industrial Area, Ph-II, New Delhi-110064 Phone : +(91)-(11) 43854300 Email : reports@simalab.com Page: 1 of 1

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CIN No : U74899DL1968PTC031785

Website : www.simalab.net | www.simalab.com

TESTING STREAMS : FOOD & AGRI PRODUCTS • DRUGS & COSMETICS • ENVIRONMENT • WATER

7.8 F-01



## TEST REPORT

PARTY CODE : M/UK/12258  
ISSUED TO : MENTHA & ALLIED PRODUCTS PVT. LTD.

REPORT NO. : US0704003122

REF. NO. : NS

Plot No.1-6, Shree Balaji Industrial Estate, Mahuakhera REF. DATE : NS

Ganj, Distt.-Udham Singh Nagar, Kashipur, Uttarakhand DT.RECD : 04/07/2022



SAMPLE NAME : EFFLUENT WATER (ETP-OUTLET)

### RESULTS OF ANALYSIS

Reference : EP Act Standard

DESCRIPTION : One Effluent water sample from Outlet of ETP was drawn by us on 02/07/2022

SAMPLING DATE : 02/07/2022

SAMPLE QTY. : 2 LTR.

S.No.	Parameters	Units	Results	Limit (Max.)	Protocols
1.	pH	NA	7.28	5.5 to 9.0	IS:3025 (P-11)
2.	Total Suspended Solids	mg/L	27	100	IS:3025 (P-17)
3.	Chemical Oxygen Demand	mg/L	109	250	IS:3025 (P-58)
4.	Biochemical Oxygen Demand (for 3 days at 27 °C)	mg/L	26	30	IS:3025 (P-44)
5.	Oil & Grease	mg/L	3.6	10	IS:3025 (P-39)

*Arvind Gupta*  
Mentha & Allied Products Pvt. Ltd.  
Regional Manager

Date of performance : 04/07/2022 to 08/07/2022

NA = Not Applicable, BDL = Below Detection Limit

SAMPLE DRAWN BY US

*Arvind Gupta*  
Arvind Gupta  
Tech. Manager (Env.)  
AUTHORISED SIGNATORY

Date of completion : 08/07/2022

--- End of Test Report ---

admin  
Head Office : A-3/7, Mayapuri Industrial Area, Ph-II, New Delhi-110064 Phone : +(91)-(11) 43854300

Page : 1 of 1  
Email : reports@simalab.com

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7.8 F-01



**TEST REPORT**

PARTY CODE : M/UJ/12258  
 ISSUED TO : MENTHA & ALLIED PRODUCTS PVT. LTD.

REPORT NO. : US0704003222  
 REF. NO. : NS

Plot No.1-6, Shree Balaji Industrial Estate, Mahuakhera  
 Ganj, Distt.-Udham Singh Nagar, Kashipur, Uttarakhand

REF. DATE : NS  
 DT.RECD : 04/07/2022



SAMPLE NAME : ETP-SLUDGE

RESULTS OF ANALYSIS					
Reference : Party's Requirement					
DESCRIPTION : One ETP Sludge sample was drawn by us on 02/07/2022					
SAMPLING DATE : 02/07/2022			SAMPLE QTY. : 1 KG		
S.No.	Parameters	Units	Results	Protocol	Detection Limit
1.	Moisture	%	14.4	IS 2720 Part 2 Reaff.2000	NA
2.	Phosphate	mg/kg	59.4	APHA 4500 P-D	NA
3.	pH	NA	7.49 (of 5% slurry)	APHA 4500 H+B	NA
4.	Organic Matter	%	14.8	IS 2720 Part XXII-1972 Reaff.2001	NA
5.	Ash Content	%	12.6	APHA (2540)	NA
6.	Chlorides as Cl	mg/kg	764.6	APHA (3120-B)	NA
7.	Iron as Fe	mg/kg	27840.4	APHA (3120-B)	NA
8.	Manganese as Mn	mg/kg	415.24	APHA (3120-B)	NA
9.	Cadmium as Cd	mg/kg	BDL	APHA (3120-B)	0.01
10.	Copper as Cu	mg/kg	39.42	APHA 3120-B	NA
11.	Lead as Pb	mg/kg	84.83	APHA 3120-B	NA
12.	Nickel as Ni	mg/kg	244.32	APHA 3120-B	NA
13.	Zinc as Zn	mg/kg	3232.14	APHA 3120-B	NA
14.	Arsenic	mg/kg	1.92	APHA (3120-B)	NA
15.	Nitrogen as N	mg/kg	142.3	APHA 4500-N	NA
16.	Bulk Density	gm/cc	1.39	M.L. Jackson & C.A. Black	NA
17.	Chromium as Cr	mg/kg	79.32	APHA (3120-B)	NA
18.	Conductivity	µS/cm	12894 (at 5% slurry)	M.L. Jackson & C.A. Black	NA

SAMPLE DRAWN BY US

*Arvind Gupta*  
**Arvind Gupta**  
 Tech. Manager (Env.)  
 AUTHORISED SIGNATORY

Date of completion : 08/07/2022

*Arvind Gupta*  
 Arvind Gupta  
 Tech. Manager (Env.)



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CIN No : U74899DL1988PTC031785

Website : www.simalab.net | www.simalab.com

TESTING STREAMS : FOOD & AGRI PRODUCTS • DRUGS & COSMETICS • ENVIRONMENT • WATER

## TEST REPORT

7.8 F-01

PARTY CODE : MUK/12258  
ISSUED TO : MENTHA & ALLIED PRODUCTS PVT. LTD.

REPORT NO. : US0704002822  
REF. NO. : NS

Plot No.1-6, Shree Balaji Industrial Estate, Mahuakhera  
Ganj, Distt.-Udham Singh Nagar, Kashipur, Uttarakhand

REF. DATE : NS  
DT.RECD : 04/07/2022



SAMPLE NAME : STACK EMISSION

### RESULTS OF ANALYSIS

Reference : IS:11255 & EPA

Description : One Stack Emission sample was drawn by us on 02/07/2022 between 12:00 PM to 12:30 PM

Name of Industry :

Name of plant & Section : Thermic fluid heater section

Emission Source Monitored : Thermic fluid heater stack

Type of Fuel Used : Wood

Stack Identification : Thermic fluid heater stack (15 Lac.K.Cal/Hr)

Normal Operating Schedule (Hrs/day) : 24

Location of sampling Point : Port hole on stack

Type of Chimney (ACC/Metal) : Metal

Stack Height (Meters)

a. From source of Emission : -

b. From Roof Level : -

c. From Ground Level : 33

Diameter of stack (cm) : 45

Sampling Duration (minutes) : 30

Parameters Monitored : PM, NOx, SO2 & CO

Purpose of Monitoring : Assessment of pollution load

Products Manufactured : Methanol & Its Dervetives

Control measures (if any) : Bag filter

Recovery of Material (if any) : Nil

General Sensory observations : Normal

Fugitive Emissions (if any) : Nil

Stack Temperature (°C) : 179

Ambient Temperature(°C) : 39

Avrage Stack Velocity (m/second) : 8.39

Quantity of Emission (Nm<sup>3</sup>/Hr) : 3165

S.No.	Parameters	Units	Results	Limits (Max.)	Protocols
1.	Particulate Matter	mg/Nm <sup>3</sup>	83.1	150	IS:11255 (Part-1)
2.	Nitrogen Oxides ( as NOx )	mg/Nm <sup>3</sup>	48.7	NA	IS:11255 (Part-7)
3.	Sulphur Dioxide ( as SO2 )	mg/Nm <sup>3</sup>	4.2	NA	IS:11255 (Part-2)
4.	Carbon Monoxide ( as CO )	mg/Nm <sup>3</sup>	20.2	NA	SIMA/STP/CSLE-05

Date of performance : 04/07/2022 to 08/07/2022

NA- Not Applicable, BDL- Below Detection Limit

SAMPLE DRAWN BY US

*Arvind Gupta*  
**Arvind Gupta**  
Tech. Manager (Env.)  
AUTHORISED SIGNATORY

Date of completion : 08/07/2022

--- End of Test Report ---

Head Office : A-3/7, Mayapuri Industrial Area, Ph-II, New Delhi-110064 Phone : +(91)-(11) 43654300 Email : reports@simalab.com Page: 1 of 1

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TESTING STREAMS : FOOD & AGRI PRODUCTS • DRUGS & COSMETICS • ENVIRONMENT • WATER

## TEST REPORT

7.8 F-01



PARTY CODE : M/UK/12258

ISSUED TO : MENTHA & ALLIED PRODUCTS PVT. LTD.

REPORT NO. : US0704002722

REF. NO. : NS

Plot No.1-6, Shree Balaji Industrial Estate, Mahuakhera  
Ganj, Distt.-Udham Singh Nagar, Kashipur, Uttarakhand

REF. DATE : NS

DT.RECD : 04/07/2022



SAMPLE NAME : STACK EMISSION

### RESULTS OF ANALYSIS

Reference : IS:11255 & EPA

Description	: One Stack emission sample was drawn by us on 02/07/2022 between 11:00 PM to 11:30 PM
Name of Industry	: MENTHA & ALLIED PRODUCTS PVT. LTD.
Name of plant & Section	: Thermic fluid heater section
Emission Source Monitored	: Thermic fluid heater stack
Type of Fuel Used	: Wood
Stack Identification	: Thermic fluid heater stack (10 Lac.Kcal/Hr)
Normal Operating Schedule (Hrs/day)	: 24
Location of sampling Point	: Port hole on stack
Type of Chimney (ACC/Metal)	: Metal
Stack Height (Meters)	
a. From source of Emission	: -
b. From Roof Level	: -
c. From Ground Level	: 30
Diameter of stack (cm)	: 45
Sampling Duration (minutes)	: 30
Parameters Monitored	: PM, NO <sub>x</sub> , SO <sub>2</sub> & CO
Purpose of Monitoring	: Assessment of pollution load
Products Manufactured	: Methanol & its Dervatics
Control measures (if any)	: Bag filter
Recovery of Material (if any)	: Nil
General Sensory observations	: Normal
Fugitive Emissions (if any)	: Nil
Stack Temperature (°C)	: 172
Ambient Temperature(°C)	: 39
Avrage Stack Velocity (m/second)	: 8.63
Quantity of Emission (Nm <sup>3</sup> /Hr)	: 3307

S.No.	Parameters	Units	Results	Limits (Max.)	Protocols
1.	Particulate Matter	mg/Nm <sup>3</sup>	74.6	150	IS:11255 (Part-1)
2.	Nitrogen Oxides ( as NO <sub>x</sub> )	mg/Nm <sup>3</sup>	47.4	NA	IS:11255 (Part-7)
3.	Sulphur Dioxide ( as SO <sub>2</sub> )	mg/Nm <sup>3</sup>	2.6	NA	IS:11255 (Part-2)
4.	Carbon Monoxide ( as CO )	mg/Nm <sup>3</sup>	18.7	A	SIMA/STP/QCE-05

Date of performance : 04/07/2022 to 08/07/2022

NA- Not Applicable

SAMPLE DRAWN BY US

**Arvind Gupta**  
Tech. Manager (Env.)

Date of completion : 08/07/2022

--- End of Test Report ---

AUTHORISED SIGNATORY

Head Office : A-3/7, Mayapuri Industrial Area, Ph-II, New Delhi-110064

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Jyoti Vastava



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7.8 F-01



## TEST REPORT

PARTY CODE : M/UK/12258

REPORT NO. : US0704003222



*Arvind Gupta*  
Arvind Gupta  
General Manager

Date of performance : 04/07/2022 to 08/07/2022

NA = Not Applicable, BDL = Below Detection Limit

SAMPLE DRAWN BY US

*Arvind Gupta*  
**Arvind Gupta**  
Tech. Manager (Env.)

Date of completion : 08/07/2022

--- End of Test Report ---

AUTHORISED SIGNATORY

admin

Head Office : A-3/7, Mayapuri Industrial Area, Ph-II, New Delhi-110064

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Page : 2 of 2

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## TEST REPORT

7.8 F-01

PARTY CODE : M/UK/12258

ISSUED TO : MENTHA & ALLIED PRODUCTS PVT. LTD.

REPORT NO. : US0704004122

REF. NO. : NS

Plot No.1-6, Shree Balaji Industrial Estate, Mahuakhera  
Ganj, Distt.-Udham Singh Nagar, Kashipur, Uttarakhand

REF. DATE : NS

DT.RECD : 04/07/2022



SAMPLE NAME : STACK EMISSION

### RESULTS OF ANALYSIS

Reference : IS:11255 & EPA

Description	: One Stack Emission sample was drawn by us on 02/07/2022 between 09:00 AM to 09:30 AM.				
Name of Industry	: MENTHA & ALLIED PRODUCTS PVT. LTD.				
Name of plant & Section	: D.G Section				
Emission Source Monitored	: D.G. Stack				
Type of Fuel Used	: HSD				
Stack Identification	: D.G. Stack (320 KVA)				
Normal Operating Schedule (Hrs/day)	: As & when required				
Location of sampling Point	: Port hole on stack				
Type of Chimney (ACC/Metal)	: Metal				
Stack Height (Meters)	:				
a. From source of Emission	: -				
b. From Roof Level	: -				
c. From Ground Level	: 3				
Diameter of stack (cm)	: 10.5				
Sampling Duration (minutes)	: 30				
Parameters Monitored	: PM, NOx, SO2, CO & HC				
Purpose of Monitoring	: Assessment of pollution load				
Products Manufactured	: Methanol & Its derivative				
Control measures (if any)	: Nil				
Recovery of Material (if any)	: Nil				
General Sensory observations	: Normal				
Fugitive Emissions (if any)	: Nil				
Stack Temperature (°C)	: 152				
Ambient Temperature(°C)	: 31				
Average Stack Velocity (m/second)	: 12.14				
Quantity of Emission (Nm <sup>3</sup> /Hr)	: 265				
S.No.	Parameters	Units	Results	Limits (Max.)	Protocols
1.	Particulate Matter	gm/kw-hr	0.059	≤ 0.2	IS:11255 (Part-1)
2.	Nitrogen Oxides ( as NOx )	gm/kw-hr	0.149	NA	IS:11255 (Part-7)
3.	Sulphur Dioxide ( as SO2 )	gm/kw-hr	0.053	NA	IS:11255 (Part-2)
4.	Carbon Monoxide ( as CO )	gm/kw-hr	0.082	≤ 3.5	SIMA/STP/QCE-05
5.	Total Hydrocarbons (as CH4)	gm/kw-hr	0.051	NA	APHA-101 (3rd Edition)
6.	NOx + HC	gm/kw-hr	0.20	≤ 4.0	By Calculation

Date of performance : 04/07/2022 to 08/07/2022

NA = Not Applicable

SAMPLE DRAWN BY US

**Arvind Gupta**  
Tech. Manager (Env.)  
AUTHORISED SIGNATORY

Date of completion : 08/07/2022

--- End of Test Report ---

Ranjan

Page : 1 of 1

Head Office : A-3/7, Mayapuri Industrial Area, Ph-II, New Delhi-110064

Phone : +(91)-(11) 43354300

Email : reports@simalab.com

THIS CERTIFICATE IS NOT VALID WITHOUT A HOLOGRAM

SIMA

Ranjan



**TEST REPORT**

7.8 F-01



PARTY CODE : M/UK/12258  
 ISSUED TO : MENTHA & ALLIED PRODUCTS PVT. LTD.

REPORT NO. : US0704004222  
 REF. NO. : NS

Plot No.1-6, Shree Balaji Industrial Estate, Mahuakhera  
 Ganj, Distt.-Udham Singh Nagar, Kashipur, Uttarakhand

REF. DATE : NS  
 DT.RECD : 04/07/2022



SAMPLE NAME : STACK EMISSION

**RESULTS OF ANALYSIS**  
 Reference : IS:11255 & EPA

Description : One Stack Emission sample was drawn by us on 02/07/2022 between 10:00 AM to 10:30 AM.  
 Name of Industry : MENTHA & ALLIED PRODUCTS PVT. LTD.  
 Name of plant & Section : Boiler Section  
 Emission Source Monitored : Boiler Stack  
 Type of Fuel Used : Wood  
 Stack Identification : Boiler Stack (800 kg/hr.)  
 Normal Operating Schedule (Hrs/day) : 24  
 Location of sampling Point : Port hole on stack  
 Type of Chimney (ACC/Metal) : Metal  
 Stack Height (Meters)  
 a. From source of Emission : -  
 b. From Roof Level : -  
 c. From Ground Level : 33  
 Diameter of stack (cm) : 50  
 Sampling Duration (minutes) : 30  
 Parameters Monitored : PM, SO<sub>2</sub>, NO<sub>x</sub> & CO  
 Purpose of Monitoring : Assessment of pollution load  
 Products Manufactured : Methanol & Its derivative  
 Control measures (if any) : Nil  
 Recovery of Material (if any) : Nil  
 General Sensory observations : Normal  
 Fugitive Emissions (if any) : Nil  
 Stack Temperature (°C) : 169  
 Ambient Temperature(°C) : 39  
 Avrage Stack Velocity (m/second) : 8.60  
 Quantity of Emission (Nm<sup>3</sup>/Hr) : 4096

S.No.	Parameters	Units	Results	Limits (Max.)	Protocols
1.	Particulate Matter	mg/Nm <sup>3</sup>	210 (at 12% CO <sub>2</sub> corr.)	1200	IS:11255 (Part-1)
2.	Nitrogen Oxides ( as NO <sub>x</sub> )	mg/Nm <sup>3</sup>	44.8	NA	IS:11255 (Part-7)
3.	Sulphur Dioxide ( as SO <sub>2</sub> )	mg/Nm <sup>3</sup>	3.7	NA	IS:11255 (Part-2)
4.	Carbon Monoxide ( as CO )	mg/Nm <sup>3</sup>	18.4	NA	SIMA/STO/QCE-05

Date of performance : 04/07/2022 to 08/07/2022

NA- Not Applicable

SAMPLE DRAWN BY US

*Arvind Gupta*  
**Arvind Gupta**  
 Tech. Manager (Env.)  
 AUTHORISED SIGNATORY

Date of completion : 08/07/2022

--- End of Test Report ---

Ranjan

*Arvind Gupta*  
 Arvind Gupta  
 Tech. Manager



# SIMA LABS

Sophisticated Industrial Materials  
Analytic Labs Pvt. Ltd.

(GOVT. APPROVED TESTING LABORATORIES)

Address : Plot No. 37, Sector-7, I.I.E, SIIDCUL, HARIDWAR-249403

Phone : +(91)-(01334)-235552 | M : 098971 33345

Email : simaharidwar@simalab.co.in

CIN No : U74999DL1968PTC031785

Website : www.simalab.net | www.simalab.com

TESTING STREAMS : FOOD & AGRI PRODUCTS • DRUGS & COSMETICS • ENVIRONMENT • WATER

7.8 F-01



## TEST REPORT

PARTY CODE : M/UK/12258

ISSUED TO MENTHA & ALLIED PRODUCTS PVT. LTD.

REPORT NO. : US0704002922

REF. NO. : NS

Plot No.1-6, Shree Balaji Industrial Estate, Mahuakhera  
Ganj, Distt.-Udham Singh Nagar, Kashipur, Uttarakhand

REF. DATE : NS

DT.RECD : 04/07/2022



SAMPLE NAME : NOISE MONITORING (D.G)

### RESULTS OF ANALYSIS

Reference : EP Act Standards

Description : D.G Noise level from different points of M/s MENTHA & ALLIED PRODUCTS PVT. LTD. was monitored by us on 02/07/2022

S.No.	Location of Sampling Point	Exposure Time	Avg. Instant Value- dB(A)	Permissible Limit (dB(A))
1.	When D.G (320 KVA) ON-	-	-	-
2.	Noise level while canopy door open	09:00 AM to 09:10 AM	102.5	Min. insertion loss of 25
3.	Noise level while canopy door closed & at a distance of 1.0 Meter	"	72.0	-

Date of performance : 04/07/2022 to 05/07/2022

Date of completion : 05/07/2022

--- End of Test Report ---

*Arvind Gupta*  
Rajendra Srivastava  
General Manager

*Arvind Gupta*  
**Arvind Gupta**  
Tech. Manager (Env.)  
AUTHORISED SIGNATORY.

admin

Head Office : A-3/7, Mayapuri Industrial Area, Ph-II, New Delhi-110064

Phone : +(91)-(11) 43654300

Email : reports@simalab.com

Page : 1 of 1

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SIMA

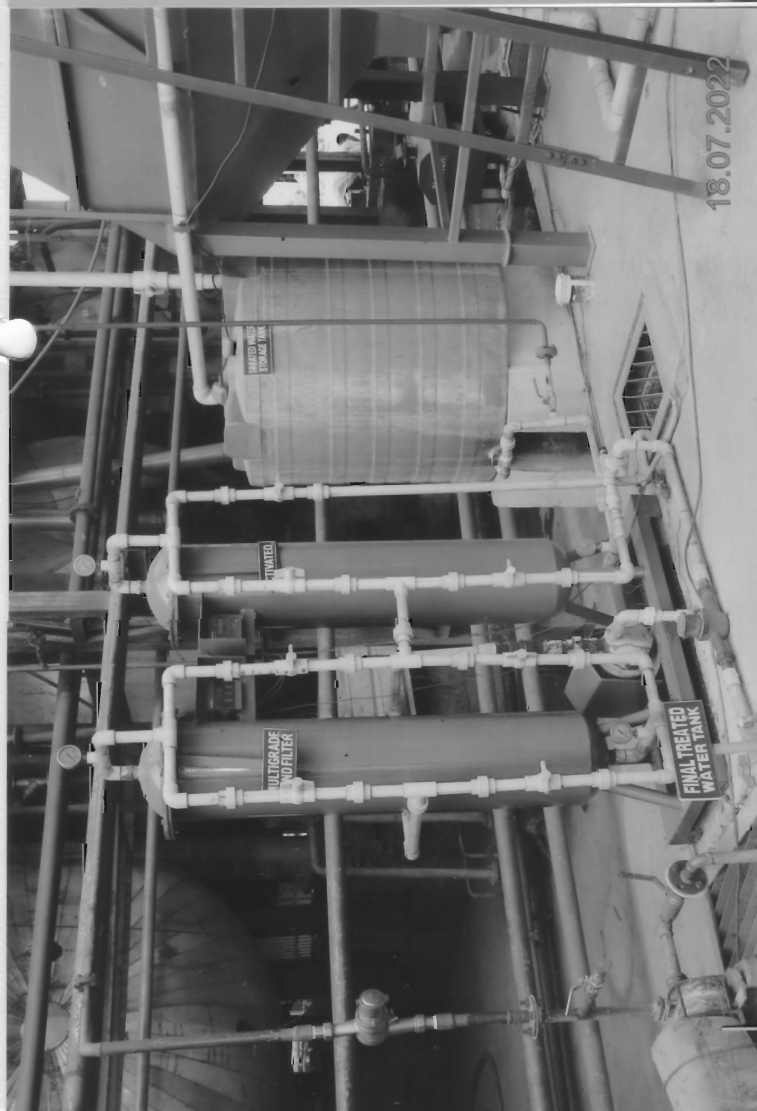
121



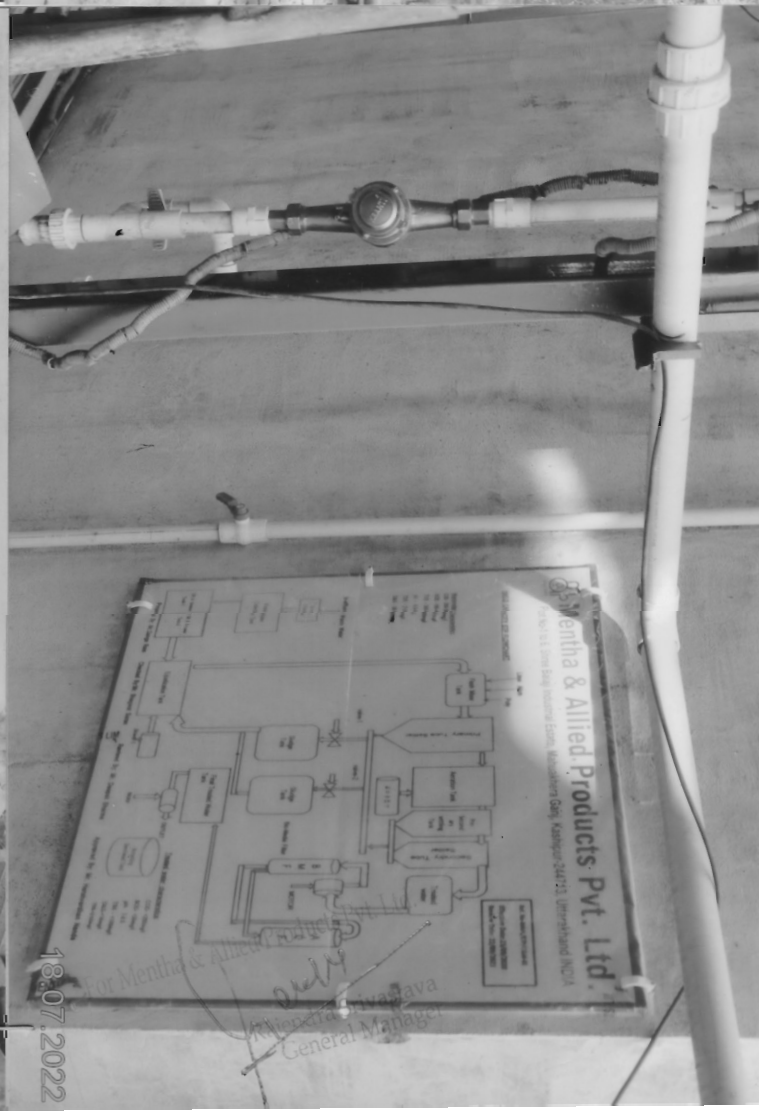
18.07.2022



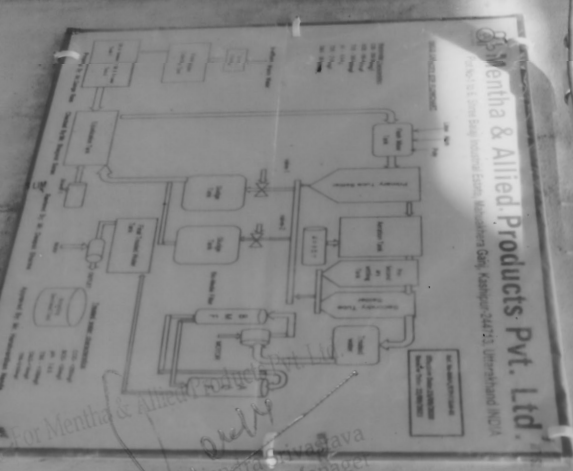
18.07.2022



18.07.2022



18.07.2022



Mentha & Allied Products Pvt. Ltd.  
General Manager

TREATED WATER FLOW METER

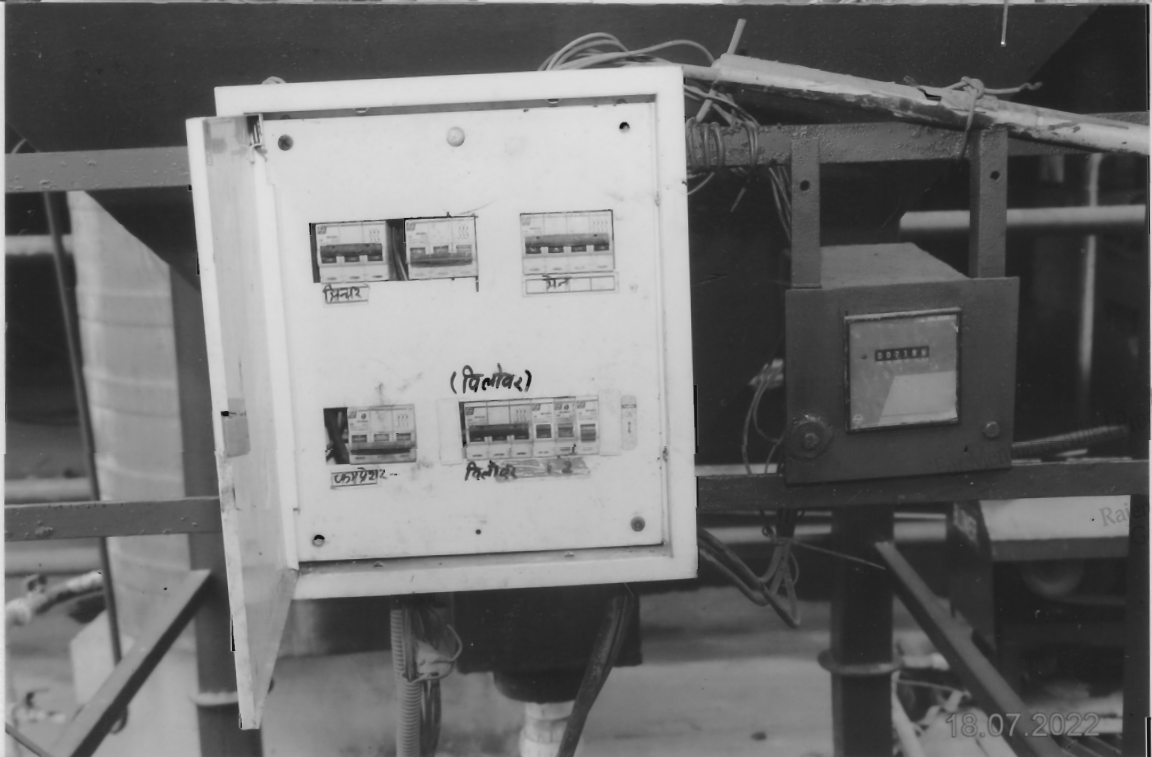


18.07.2022

INLET FLOW METER



18.07.2022

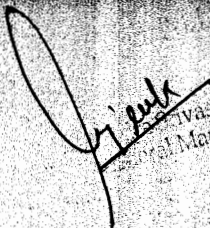


18.07.2022

ETP ENERGY METER

Units Pvt. Ltd.  
Ira Srivastava  
Area Manager

LOG - BOOK  
E.T.P. - METER

  
Vastava  
General Manager





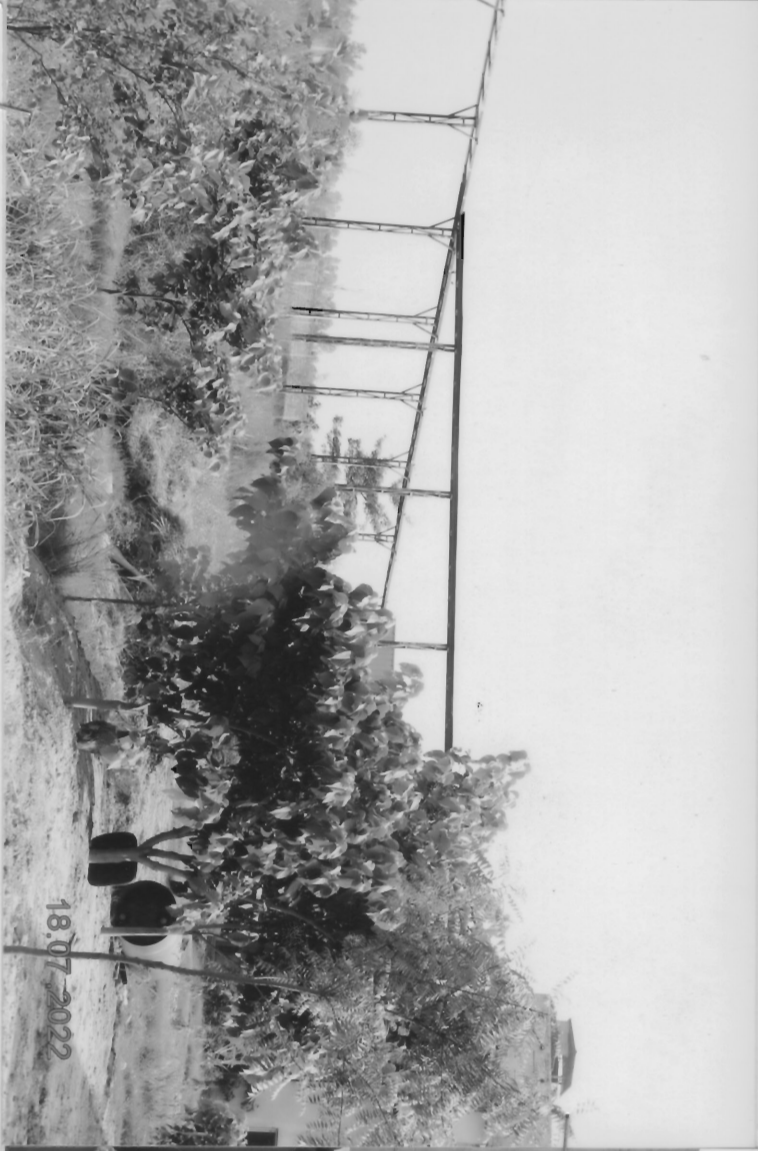


DATE	Starting Time	Closing Time	IN LET	OUT LET	Total	Used	Remarks
06.7.22	10:00 AM	12:15 PM	000051	000369	318	521	Cooling Towers 1 E 720-5
07.7.22	—	—	—	—	—	—	—
08.7.22	—	—	—	—	—	—	4 905
09.7.22	—	—	—	—	—	—	4 905
10.7.22	—	—	—	—	—	—	4 905
11.7.22	—	—	—	—	—	—	4 905
12.7.22	10:30	4:15	000369	000584	215	348	Cooling Towers 2
13.7.22	11:00 AM	4 PM	000584	001084	500	560	Cooling Towers 1
14.7.22	—	—	—	—	—	—	Blowers Running
15.7.22	—	—	—	—	—	—	E 720 905
16.7.22	10:30	4 PM	01084	0908	176	285	Cooling Towers Number 1
17.7.22	—	—	—	—	—	—	Blowers Running
18.7.22	11:00 AM	4:15 PM	0908	01817	909	539	Cooling Towers Number 2
19.7.22	—	—	—	—	—	—	—





18.07.2022



18.07.2022



18.07.2022



18.07.2022

... & Allied Products Pvt. Ltd.  
*Handwritten signature*  
 ... Srivastava  
 General Manager



For Mentha Allied Products Pvt. Ltd.

*[Handwritten Signature]*  
General Manager

24



18.07.2022



18.07.2022



18.07.2022



18.07.2022

For Venka & Allied Products Pvt. Ltd.

Rajendra Srivastava  
General Manager

25



18.07.2022



18.07.2022



18.07.2022



18.07.2022

P. J. & Allied Products P.  
 R. Rajkumar  
 General Manager

TFH 15 LAC + STEAM BOILER  
ENERGY METER

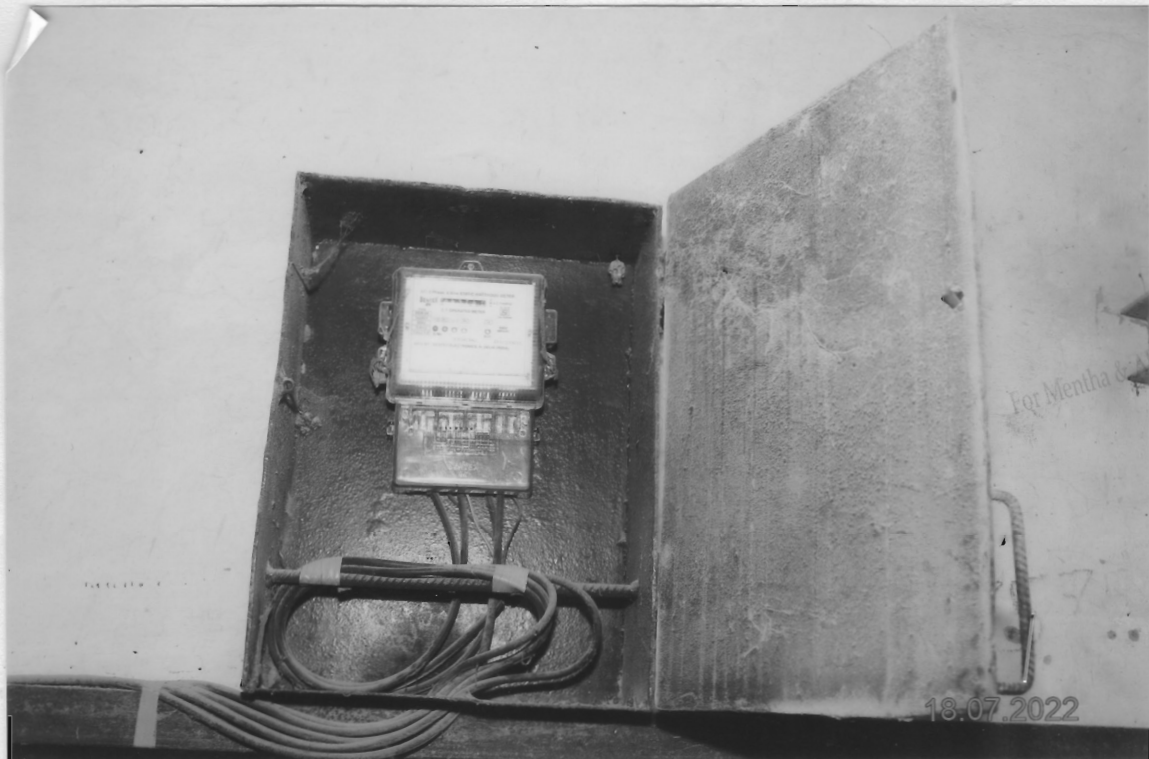
26



Products Pvt. Ltd.  
Rajendra Shrivastava  
Energy Manager

18.07.2022

TFH 10 LAC ENERGY METER



Products Pvt. Ltd.  
For Mentha & ...  
Rajendra Shrivastava  
Energy Manager

18.07.2022

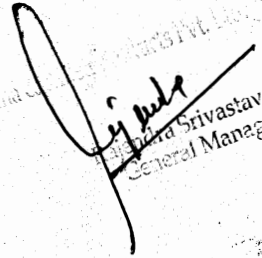
THERMIC FLUID HEATER  
15 LAC CAL + STEAM BOILER  
ENERGY METER- 1  
LOG BOOK

DATE	AMOUNT	DESCRIPTION	AMOUNT	DATE	AMOUNT	DESCRIPTION	AMOUNT
30.6.22	84924	8509.7	17.3	69.2			
01.7.22	8509.7	8527.2	17.5	70.0			
02.7.22	8527.2	8544.4	17.2	68.8			
03.7.22	8544.4	8562.2	17.0	71.2			
04.7.22	8562.2	8579.4	17.2	68.8			
05.7.22	8579.4	8596.5	17.1	68.4			
06.7.22	8596.5	8615.0	18.5	74.0			
07.7.22	8615.0	8631.9	16.9	67.6			
08.7.22	8631.9	8644.3	12.4	49.6			
09.7.22	8644.3	8644.3	0.0	0.0			
10.7.22	8644.3	8644.3	0.0	0.0			
11.7.22	8644.3	8666.9	22.0	88.0			
12.7.22	8666.9	8679.0	12.7	50.8			
13.7.22	8679.0	8697.7	18.7	74.8			
14.7.22	8697.7	8714.4	16.7	66.8			
15.7.22	8714.4	8731.6	17.2	68.8			
16.7.22	8731.6	8748.2	16.6	66.4			
17.7.22	8748.2	8764.7	16.5	66.0			

वर्षाकालीन अंशकाय 30  
 कार्यालय 30/7/22

-11-

Start Blank 12:30 pm.

  
 Anand Srivastava  
 General Manager



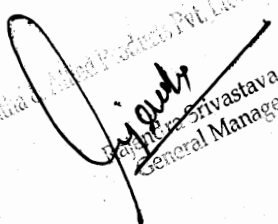
**THERMIC FLUID HEATER  
10 LAC CAL + STEAM BOILER**

**ENERGY METER-2  
LOG BOOK**

MIC FLUID HEATER, 10 Ltr Gas + STEAM BOILER  
ENERGY METERS

दिनांक	वापसल यात्रा का विवरण	प्रारम्भिक मीटर	अन्तिम मीटर
30.6.22		7691.5	7715.1
01.7.22		7715.1	7738.3
02.7.22		7738.3	7761.8
03.7.22		7761.8	7784.9
04.7.22		7784.9	7808.6
05.7.22		7808.6	7832.0
06.7.22		7832.0	7856.7
07.7.22		7856.7	7874.6
08.7.22		7874.6	7874.7
09.7.22		7874.7	7874.7
10.7.22		7874.7	7874.7
11.7.22		7874.7	7874.7
12.7.22		7874.7	7874.7
13.7.22		7874.7	7874.7
14.7.22		7874.7	7874.7
15.7.22		7874.7	7874.7
16.7.22		7874.7	7874.7
17.7.22		7874.7	7874.7

मीटर Unit	पेरोसिक्ल मीटर	चालक के हस्ताक्षर	अन्य विवरण
23.6	47.2		
23.2	46.4		
23.5	47.0		
23.1	46.2		
23.7	47.4		
23.4	46.8		
24.7	49.4		
17.9	35.8		
0.1	0.2		वापसल यात्रा का विवरण
0.0	0.0		कमरे बाहर 22.1
0.0	0.0		← 11-
5.1	10.2		Start Plant 12:30 PM.
17.1	34.2		
23.0	46.0		
23.0	46.0		
22.2	44.4		
23.0	46.0		
23.4	46.8		

  
 Rajendra Prasad Srivastava  
 General Manager





United Products Pvt. Ltd.  
Rajesh Vaswani  
General Manager

