

**Environmental Audit Report for the financial Year ending the 31st
March- 2024**

For

**M/S Chalet Hotels Ltd.
1483,1495,1496A&B,1503/4, 1500D,
IA Project Road
Chhatrapati Shivaji International Airport
Andheri (E)
Mumbai-99**



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000065338

Submitted Date

17-05-2024

PART A

Company Information

Company Name

M/S Chalet Hotels Ltd.

Application UAN number

MPCB-CONSENT-0000108006

Address

1483,1495,1496A&B,1503/4, 1500D,IA
Project Road, Chhatrapati Shivaji
International Airport, Andheri (E),
Mumbai-99

Plot no

1483,1495,1496A&B,1503/4, 1500D

Taluka

Mumbai

Village

mumbai

Capital Investment (In lakhs)

126684.98

Scale

Large

City

Mumbai

Pincode

400099

Person Name

Mr.Makarand Walawalkar

Designation

Director of Engineering

Telephone Number

7718872059

Fax Number

0

Email

Tribhuvan.Chauhan@marriott-hotels.com

Region

SRO-Mumbai II

Industry Category

Red

Industry Type

R31 Hotels having overall waste- water
generation @ 100 KLD and more.

Last Environmental statement
submitted online

yes

Consent Number

Format1.0/CAC/UAN
NO-0000108006/CR/2110000227

Consent Issue Date

2021-10-06

Consent Valid Upto

2026-05-31

Establishment Year

2016

Date of last environment statement
submitted

Apr 13 2023 12:00:00:000AM

Industry Category Primary (STC Code)
& Secondary (STC Code)

Product Information

Product Name

5 Star Hotel,Hotel Activity Restaurant Lodging & Boarding, Swimming pool & Laundry
Activity with 640 Rooms

Consent Quantity Actual Quantity UOM

640 640 Nos./Y

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

Ton/Y

Part-B (Water & Raw Material Consumption)**1) Water Consumption in m3/day**

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	0.00	0.00
Domestic	1027.00	316.00
All others	0.00	0.00
Total	1027.00	316.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	0	0	CMD
Domestic Effluent	871	130	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Foods Items	36	36	M3/Month

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Foods Items	1.2	1.2	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD	0	0.012	KL/A
PNG	0	32564	SCM/Day

Part-C**Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)**

4) Water					
Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
TSS	1.079	9	55.0	20	NA
BOD	0.672	7	30.0	10	NA
COD	2.438	24	52.0	50	NA
OIL&GREASE	0.133	1.0	99	10	NA
Detergent	1354	0.10	90	1	NA
PH	0	7.59	Within limit	5.5 to 9.5	NA
NH4N	0	0	100	5	NA
N Total	0	0	100	10	NA
fecal Coliform MPN/100MI	0	0	100	100	NA

B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
Boiler-(SPM)	0.530	11.0	92.66	150 mg/Nm3	NA
D. G. NO-1-(SPM)	4.52	37.82	74.78	150 mg/Nm3	NA
D.G.NO-2-(SPM)	483	39.48	73.68	150 mg/Nm3	NA
Boiler (SO2)	0.169	0.21	-	Not Specified	NA
D.G.NO-1-(NOX)	2.50	296.75	-	Not Specified	NA
D. G. NO-2-(NOX)	3.14	286.32	-	Not Specified	NA

Part-D**HAZARDOUS WASTES****1) From Process**

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	1.651	4.786	KL/A
Other Hazardous Waste	2.170	3.409	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

Part-E**SOLID WASTES****1) From Process**

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Bio-Degradable	167.097	194.208	MT/A
Non-Bio-Degradable	68.328	175.602	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
STP Sludge	9.125	9.987	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	Ton/Y

Part-F

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

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	4.786	KL/A	Sale to Authorized Party
Other Hazardous Waste	3.409	MT/A	E-Waste, Sale to Authorized Party

2) Solid Waste**Type of Solid Waste Generated**

STP Sludge

Qty of Solid Waste

9.987

UOM

Ton/Y

Concentration of Solid Waste

Use as Manure

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	0	0

Part-H

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

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Shrubs/Palm planted-3273Nos &Tree planted-37 Nos	Shrubs/Palm planted-3273Nos &Tree planted-37 Nos	0

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

We have provided full fledged' STP & separate ETP for laundry effluent,,Hotel has provided Ozonisation system for swimming pool.Hotel has Provided OWC for wet garbage,The kitchen has provided exhaust system chimney with oil catcher connected to chimney through ducting,The toilet has provided exhaust system, The air conditions has vibration proof,The exhaust hot air from A. C has attached to chimney, The D.G set has provided acoustic enclosure for control noise Level.We are regularly analysis ST

Name & Designation

.Mr.Makarand Walawalkar (Director of Engineering)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000065338

Submitted On:

17-05-2024



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CIN: U99999MH1988PTC045938



TC-8284



NABL Scope

TEST REPORT

Test Report No.	01/ETHEN2318714	Issue Date	16 Mar 2024	ULR No.	TC0828424000014881F
Customer Name	CHALET HOTELS LTD. (UNIT OF JW MARRIOTT HOTEL MUMBAI SAHAR)				
Customer Address	IA Project Road, Chatrapati Shivaji International Airport, Mumbai PO Box : 400099				
Order/Reference	AMC Dated: 01-01-2024 to 31-12-2024				
Specification	NA				
Information as provided by customer:					
Sample Name	STP Inlet Water Sample				
Sample Nature	Waste Water				
Sampling Details :					
Sample Drawn	By Envirocare				
Date of Sampling	11 Mar 2024	Sampling Method	As Per IS 17614 Part 1:2021		
Sample Details :					
Sample Received On	11 Mar 2024	Start of Analysis	16 Mar 2024		
End of Analysis	16 Mar 2024	Sample Condition on receipt	Satisfactory		
Sample Packaging	Plastic Can + Glass Bottle	Sample Quantity	1 lit + 1 lit		
Sr. No.	Parameters	Results	LOQ	Unit	Method
Chemical Parameters					
1	Biochemical Oxygen Demand (BOD) (3 days at 27°C)	68	1.0	mg/l	IS 3025 (Part 38): 1989, RA 2019
2	Chemical Oxygen Demand (COD)	240	4.0	mg/l	APHA 5220 B, 23rd Edition: 2017
3	Oil and Grease	1.0	1.0	mg/l	IS 3025 (Part 39): 1991, RA 2019
4	pH	7.59	1.0	-	APHA 4500 H+ B, 23rd Edition: 2017
5	Sulphate	13	0.5	mg/l	APHA 4500 SO4 E, 23rd Edition: 2017
6	Total Dissolved Solids	801	1.0	mg/l	APHA 2540 C, 23rd Edition: 2017
7	Total Suspended Solids	20	5.0	mg/l	APHA 2540 D, 23rd Edition: 2017
<div>Authorised signatory Shweta Malwankar Assistant Manager</div> <div>Scan to authenticate this report</div> <div>-----End of Test Report-----</div>					



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TEST REPORT

Test Report No.	01/ETHEN2318715	Issue Date	16 Mar 2024	ULR No.	TC0828424000014882F
Customer Name	CHALET HOTELS LTD. (UNIT OF JW MARRIOTT HOTEL MUMBAI SAHAR)				
Customer Address	IA Project Road, Chatrapati Shivaji International Airport, Mumbai PO Box : 400099				
Order/Reference	AMC Dated: 01-01-2024 to 31-12-2024				
Specification	As Per MPCB Consent Copy of Customer				
Information as provided by customer:					
Sample Name	STP Outlet Water Sample				
Sample Nature	Waste Water				
Sampling Details :					
Sample Drawn	By Envirocare				
Date of Sampling	11 Mar 2024	Sampling Method	As Per IS 17614 Part 1:2021		
Sample Details :					
Sample Received On	11 Mar 2024	Start of Analysis	16 Mar 2024		
End of Analysis	16 Mar 2024	Sample Condition on receipt	Satisfactory		
Sample Packaging	Plastic Can + Glass Bottle	Sample Quantity	2 lit + 1 lit		
Sr. No.	Parameters	Results	LOQ	Unit	Method
Chemical Parameters					
1	Biochemical Oxygen Demand (BOD) (3 days at 27°C)	7	1.0	mg/l	IS 3025 (Part 38): 1989, RA 2019
2	Chemical Oxygen Demand (COD)	24	4.0	mg/l	APHA 5220 B, 23rd Edition: 2017
3	Oil and Grease	<1.0	1.0	mg/l	IS 3025 (Part 39): 1991, RA 2019
4	pH	7.31	1.0	-	APHA 4500 H+ B, 23rd Edition: 2017
5	Sulphate	<0.5	0.5	mg/l	APHA 4500 SO4 E, 23rd Edition: 2017
6	Total Dissolved Solids	418	1.0	mg/l	APHA 2540 C, 23rd Edition: 2017
7	Total Suspended Solids	9	5.0	mg/l	APHA 2540 D, 23rd Edition: 2017
<div>Authorised signatory Shweta Malwankar Assistant Manager</div> <div>Scan to authenticate this report</div> <div>-----End of Test Report-----</div>					



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TEST REPORT

Test Report No.	01/ETHEN2316859	Issue Date	06 Mar 2024	ULR No.	TC0828424000007385F	
Customer Name	CHALET HOTELS LTD. (UNIT OF JW MARRIOTT HOTEL MUMBAI SAHAR)					
Customer Address	IA Project Road, Chatrapati Shivaji International Airport, Mumbai PO Box : 400099					
Order/Reference	Service Agreement Dated 1.12.23 to 31.12.24					
Specification	As Per MPCB Consent Copy of Customer					
Information as provided by customer:						
Sample Name	Boiler Stack Monitoring					
Sample Nature	Air					
Sampling Details :						
Sample Drawn	By Envirocare					
Sampling Procedure	Each analytical method covers the sampling procedure as well	Sampling Date	03 Feb 2024			
Sample Details :						
Sample Received On	03 Feb 2024	Start of Analysis	03 Feb 2024			
End of Analysis	05 Feb 2024	Sample Condition on receipt	Satisfactory			
Other Details : Add Condition						
Calibration Details of Sampling Equipments	Sr no. 5000486 Date-04.08.2023 Valid Till Date-03.08.2024					
Stack Details						
	Attached To	Boiler No.1, MR- 16300				
	Shape	Round				
	Dimensions	0.50 Meter				
	Height	10 Meter				
	Temperature	148°C				
	Material of Construction	M.S				
	Velocity of Flue Gases	4.76 m/s				
	Volume of Flue Gases	2381.45 Nm3 /hr				
	Type of Fuel	CNG				
	Consumption of Fuel	60 kg/hr				
Sr. No.	Parameters	Limit	Results	LOQ	Unit	Method
Chemical Parameters						
1	Nitrogen Dioxide (NO2)	N.S.	95.88	0.01	mg/Nm ³	EL/SOP/333
2	Sulphur Dioxide (SO2)	N.S.	0.21	0.01	kg/day	EL/SOP/333
3	Total Particulate Matter	Max.150	11.40	1	mg/Nm ³	IS 11255 (Part 1): 1985, RA: 2019



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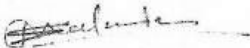



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TEST REPORT

Test Report No.	01/ETHEN2316859	Issue Date	06 Mar 2024	ULR No.	TC0828424000007385F
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TEST REPORT

Test Report No.	01/ETHEN2316860	Issue Date	06 Mar 2024	ULR No.	TC0828424000007560F	
Customer Name	CHALET HOTELS LTD. (UNIT OF JW MARRIOTT HOTEL MUMBAI SAHAR)					
Customer Address	IA Project Road, Chatrapati Shivaji International Airport, Mumbai PO Box : 400099					
Order/Reference	Service Agreement Dated 1.12.23 to 31.12.24					
Specification	As Per MPCB Consent Copy of Customer					
Information as provided by customer:						
Sample Name	DG Stack Monitoring					
Sample Nature	Air					
Sampling Details :						
Sample Drawn	By Envirocare					
Sampling Procedure	Each analytical method covers the sampling procedure as well	Sampling Date	03 Feb 2024			
Sample Details :						
Sample Received On	03 Feb 2024	Start of Analysis	03 Feb 2024			
End of Analysis	08 Feb 2024	Sample Condition on receipt	Satisfactory			
Other Details : Add Condition						
Calibration Details of Sampling Equipments	Sr no. 5000486 Date-04.08.2023 Valid Till Date-03.08.2024					
Stack Details						
	Attached To	DG No- 1, 2000 KVA				
	Shape	Round				
	Dimensions	0.50 Meter				
	Height	15 Meter				
	Temperature	188°C				
	Material of Construction	M.S				
	Velocity of Flue Gases	9.09 m/s				
	Volume of Flue Gases	4155.01 Nm3 /hr				
	Type of Fuel	HSD				
	Consumption of Fuel	150 lit/hr				
Sr. No.	Parameters	Limit	Results	LOQ	Unit	Method
Chemical Parameters						
1	Oxides of Nitrogen	N.S.	296.75	0.01	mg/Nm3	EL/SOP/333
2	Total Particulate Matter	Max.150	37.82	1	mg/Nm3	IS 11255 (Part 1): 1985, RA: 2019



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TEST REPORT

Test Report No.	01/ETHEN2316860	Issue Date	06 Mar 2024	ULR No.	TC0828424000007560F
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TC-8284



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TEST REPORT

Test Report No.	01/ETHEN2316861	Issue Date	06 Mar 2024	ULR No.	TC0828424000007561F	
Customer Name	CHALET HOTELS LTD. (UNIT OF JW MARRIOTT HOTEL MUMBAI SAHAR)					
Customer Address	IA Project Road, Chatrapati Shivaji International Airport, Mumbai PO Box : 400099					
Order/Reference	Service Agreement Dated 1.12.23 to 31.12.24					
Specification	As Per MPCB Consent Copy of Customer					
Information as provided by customer:						
Sample Name	DG Stack Monitoring					
Sample Nature	Air					
Sampling Details :						
Sample Drawn	By Envirocare					
Sampling Procedure	Each analytical method covers the sampling procedure as well	Sampling Date	03 Feb 2024			
Sample Details :						
Sample Received On	03 Feb 2024	Start of Analysis	03 Feb 2024			
End of Analysis	08 Feb 2024	Sample Condition on receipt	Satisfactory			
Other Details : Add Condition						
Calibration Details of Sampling Equipments	Sr no. 5000486 Date-04.08.2023 Valid Till Date-03.08.2024.					
Stack Details						
	Attached To	DG No- 2, 2000 KVA				
	Shape	Round				
	Dimensions	0.50 Meter				
	Height	15 Meter				
	Temperature	195°C				
	Material of Construction	M.S				
	Velocity of Flue Gases	9.16 m/s				
	Volume of Flue Gases	4123.82 Nm3 /hr				
	Type of Fuel	HSD				
	Consumption of Fuel	150 lit/hr				
Sr. No.	Parameters	Limit	Results	LOQ	Unit	Method
Chemical Parameters						
1	Oxides of Nitrogen	N.S.	286.32	0.01	mg/Nm3	EL/SOP/333
2	Total Particulate Matter	Max.150	39.48	1	mg/Nm3	IS 11255 (Part 1): 1985, RA: 2019



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TEST REPORT

Test Report No.	01/ETHEN2316861	Issue Date	06 Mar 2024	ULR No.	TC0828424000007561F
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Authorised signatory
Shweta Malwankar
Assistant Manager



Scan to authenticate
this report

-----End of Test Report-----

This report issue and to be read in conjunction with report no. 02/ETHEN2316861

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

RED/L.S.I (R31)

No:- Format1.0/CAC/UAN No.0000108006/CR - 2110000227

Date: 06/10/2021

To,
Chalet Hotels Ltd., Plot No. 1483, 1491, 1495, 1496A,
1496B, 1503/4 & 1500D (New CTS No. 1483/A(pt),
1483/C & 1483/D) Village Marol, Andheri (E), Mumbai-
400099.



Your Service is Our Duty

Sub: Grant of Renewal of Consent to Operate with change in name and increase in CI for Hotel activity under Red/LSI category.

Ref:

1. Renewal of Consent to Operate accorded by the Board vide letter Format 1.0/BO/CAC-Cell/UAN No. 0000028707/1stO(Part-I) + CR(Part-II)/CAC-1809000112 dtd.04/09/2018.
2. Minutes of Consent Appraisal Committee meeting held on 03/08/2021, 17/08/2021 & 20/08/2021.

Your application No.MPCB-CONSENT-0000108006 Dated 05.02.2021

For: Grant of Renewal of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent to renewal is granted for a period up to 31/05/2026
2. The capital investment of the project is Rs.1266.8498 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 1176.79 Crs + Expansion/Increase in C.I. - Rs. 90.05 Crs)
3. Consent is valid for the manufacture of:

Sr No	Product	Maximum Quantity	UOM
Products			
1	Hotel activity including Restaurant, Lodging & Boarding, Swimming pool & Laundry activity having Total Plot Area of 58,899 Sq.m and Total Construction Built Up Area of 1,46,696 Sq.m Five-star category	640	Rooms

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	0	As per Schedule-I	Not Applicable



Maharashtra Pollution Control Board

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Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	871	As per Schedule-I	The treated effluent shall be 60% recycled for secondary purposes and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1 & S-2	DG Sets of 2000 kVA x 2	02	As per Schedule -II
2	S-3 & S-4	DG Sets 1500 kVA x 2	02	As per Schedule -II
3	S-5 & S-6	DG Sets 500 kVA x 2	02	As per Schedule -II
4	S-7	DG Set of 1250 kVA	01	As per Schedule -II
5	S-8 & S-9	Boiler No- 1 & 2	02	As per Schedule -II
6	S-10	Kitchen exhaust	01	As per Schedule -II

6. Non-Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Bio-degradable Waste	1800	Kg/Day	OWC followed by composting facility.	Used as Manure.
2	Non-biodegradable Waste	996	Kg/Day	Segregation	Handed over to Auth. Vendor.
3	STP Sludge	150	Kg/Day	Drying	Used as Manure.

7. Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	8	Ltr/A	Recycle	Sale to authorised party / CHWTSDF

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. PP shall operate ETP & STP to achieve treated effluent/sewage standard for parameter BOD-10 mg/lit.
11. PP shall operate organic waste digester along with composting facility/bio-digester (biogas) for the treatment of wet garbage.

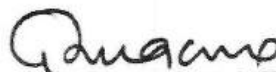


Maharashtra Pollution Control Board

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12. PP shall submit BG of Rs. 25 Lakh towards O & M of Pollution Control System and compliance of Consent conditions.
13. This consent is issued pursuant to the decision of the 5th Consent Appraisal Committee Meeting held on 03/08/2021, 17/08/2021 & 20/08/2021.
14. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)

For and on behalf of the
Maharashtra Pollution Control Board.


(Ashok Shingare IAS),
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	12668498.00	MPCB-DR-5122	21/03/2021	RTGS
2	125000.00	MPCB-DR-6233	08/06/2021	NEFT

Copy to:

1. Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai II
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A) As per your application, you have provided Primary Effluent Treatment Plant (ETP) for the treatment of effluent arising from Laundry activity. Further partially treated Laundry effluent is sent to Sewage Treatment Plant (STP) of designed capacity of 430 CMD based on MBBR technology for the treatment of 320 CMD of Sewage.
- B) The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
1	pH	Not to exceed	6.5 to 9.0
2	Total Suspended Solids	Not to exceed	20
3	BOD 3 Days 27 degree C	Not to exceed	10
4	Chemical oxygen Demand (COD)	Not to exceed	50
5	NH4 N	Not to exceed	5
6	N Total	Not to exceed	10
7	Fecal Coliform MPN/100 MI	Not to exceed	100.0

- C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.
2. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
3. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
4. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	1027.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0



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5. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/prop used	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1 & S-2	DG Sets of 2000 kVA x 2	Acoustic Enclosure	15.00	HSD 300 Ltr/Hr	1	SO ₂	-
S-3 & S-4	DG Sets of 1500 kVA x 2	Acoustic Enclosure	9.00	HSD 240 Ltr/Hr	1	SO ₂	-
S-5 & S-6	DG Sets of 500 kVA x 2	Acoustic Enclosure	8.00	HSD 240 Ltr/Hr	1	SO ₂	-
S-7	DG Set of 1250 kVA	Acoustic Enclosure	4.50	HSD 120 Ltr/Hr	1	SO ₂	-
S-8 & S-9	Boiler No- 1 & 2	Stack	9.00	PNG 1500 SCM/Day	-	Other	-
S-10	Kitchen exhaust	Stack	33.50	PNG 1500 SCM/Day	-	Other	-

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



SCHEDULE-III
Details of Bank Guarantees:

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Renewal of Consent to Operate	25 Lakh	Extension of existing BG	Towards O & M of Pollution Control Systems and Compliance of Consent conditions.	Monthly	30/09/2026

****Existing BG obtained for above purpose if any, may be extended for period of validity as above.**

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV
General Conditions:

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.



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- h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
 5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
 6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
 7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
 8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
 9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
 10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
 11. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
 12. The PP shall provide personal protection equipment as per norms of Factory Act
 13. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
 14. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
 15. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
 16. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
 17. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
 18. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
 19. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.



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20. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
21. The industry should not cause any nuisance in surrounding area.
22. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
23. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
24. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
25. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
26. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
27. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
28. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
29. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
30. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
31. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

For and on behalf of the
Maharashtra Pollution Control Board.


(Ashok Shingare IAS),
Member Secretary