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NEO GLOBAL ENVIRO LABS LLP

Recognised By Ministry of Environment Forest & Climate Change (MoEF & CC) GOI & NABL

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REF.NO:NGEL/BP/317/AAQ/2025-001

Date :30-04-2025

AMBIENT AIR QUALITY DATA

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Location : **Main Gate**

Date of Sampling : **24-04-2025**

Sampling Time : 24 Hrs.

| S. No. | TEST PARAMETERS | UNIT | PROTOCOL | RESULTS | CPCB STANDARDS |
|--------|--|-------------------|--------------------------------------|---------------|----------------|
| 01. | Sulphur dioxide as SO ₂ | µg/m ³ | IS: 5182 Part 2- 2001 (RA-2017) | 13 | 80 |
| 02. | Nitrogen Dioxide as NO ₂ | µg/m ³ | IS: 5182 Part 6-2006 (RA-2017) | 17 | 80 |
| 03. | Particulate Matter (PM ₁₀) (Size Less than 10 µm) | µg/m ³ | IS: 5182 Part 23-2006 (RA-2017) | 59 | 100 |
| 04. | Particulate Matter (PM _{2.5}) (Size Less than 2.5 µm) | µg/m ³ | IS 5182 P-24 : 2019 | 31 | 60 |
| 05. | Ozone as O ₃ | µg/m ³ | IS: 5182 Part IX : 1974 (Reaff.2019) | 18 | 180 |
| 06. | Lead as Pb | µg/m ³ | IS: 5182 Part 22:2004 (Reaff.2019) | BDL (DL:0.01) | 1.0 |
| 07. | Carbon Monoxide as CO | mg/m ³ | IS: 5182 Part 10 : 1999 (Reaff.2019) | BDL (DL:1.0) | 4.0 |
| 08. | Ammonia as NH ₃ | µg/m ³ | IS 5182 P-25 : (2018) | 24 | 400 |
| 09. | Benzene | µg/m ³ | IS: 5182 Part 11-2006 (Reaff.2017) | BDL (DL:1.0) | 5.0 |
| 10. | Benzo (α) Pyrene | ng/m ³ | IS: 5182 Part 12 -2004 (Reaff. 2009) | BDL (DL:0.5) | 1.0 |
| 11. | Arsenic as As | ng/m ³ | USEPA Compendium Method IO-3.4; | BDL (DL:5.0) | 6.0 |
| 12. | Nickel as Ni | ng/m ³ | IS 5182 P-26 : 2020 | BDL (DL:3.0) | 20 |

Note : BDL: Below Detection Limit DL: Detection Limit

Note: All the values are within the limits prescribed by NAAQS.

All the parameters monitored and analyzed as per the MoEF notification Vide G.S.R. No.826 (E) Dt: 18/11/2009

Fine Particulate Sampler Model APM 250 (Sl. No. 48-DTL-2011), Next Calibration due on 03/12/2025

Respirable Dust Sampler Model RDS 9000 (Sl. No. 070702), Next Calibration due on 08/04/2026

for **NEO GLOBAL ENVIRO LABS LLP**

AUTHORISED SIGNATORY



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REF.NO:NGEL/BP/317/AAQ/2025-002

Date :30-04-2025

AMBIENT AIR QUALITY DATA

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Location : **E.T.P**

Date of Sampling : **24-04-2025**

Sampling Time : 24 Hrs.

| S. No. | TEST PARAMETERS | UNIT | PROTOCOL | RESULTS | CPCB STANDARDS |
|--------|--|-------------------|--------------------------------------|---------------|----------------|
| 01. | Sulphur dioxide as SO ₂ | µg/m ³ | IS: 5182 Part 2- 2001 (RA-2017) | 19 | 80 |
| 02. | Nitrogen Dioxide as NO ₂ | µg/m ³ | IS: 5182 Part 6-2006 (RA-2017) | 14 | 80 |
| 03. | Particulate Matter (PM ₁₀) (Size Less than 10 µm) | µg/m ³ | IS: 5182 Part 23-2006 (RA-2017) | 64 | 100 |
| 04. | Particulate Matter (PM _{2.5}) (Size Less than 2.5 µm) | µg/m ³ | IS 5182 P-24 : 2019 | 33 | 60 |
| 05. | Ozone as O ₃ | µg/m ³ | IS: 5182 Part IX : 1974 (Reaff.2019) | 20 | 180 |
| 06. | Lead as Pb | µg/m ³ | IS: 5182 Part 22:2004 (Reaff.2019) | BDL (DL:0.01) | 1.0 |
| 07. | Carbon Monoxide as CO | mg/m ³ | IS: 5182 Part 10 : 1999 (Reaff.2019) | BDL (DL:1.0) | 4.0 |
| 08. | Ammonia as NH ₃ | µg/m ³ | IS 5182 P-25 : (2018) | 26 | 400 |
| 09. | Benzene | µg/m ³ | IS: 5182 Part 11-2006 (Reaff.2017) | BDL (DL:1.0) | 5.0 |
| 10. | Benzo (α) Pyrene | ng/m ³ | IS: 5182 Part 12 -2004 (Reaff. 2009) | BDL (DL:0.5) | 1.0 |
| 11. | Arsenic as As | ng/m ³ | USEPA Compendium Method IO-3.4; | BDL (DL:5.0) | 6.0 |
| 12. | Nickel as Ni | ng/m ³ | IS 5182 P-26 : 2020 | BDL (DL:3.0) | 20 |

Note : BDL: Below Detection Limit DL: Detection Limit

Note: All the values are within the limits prescribed by NAAQS.

All the parameters monitored and analyzed as per the MoEF notification Vide G.S.R. No.826 (E) Dt: 18/11/2009

Fine Particulate Sampler Model APM 250 (Sl. No. 49-DTA-2011), Next Calibration due on 03/12/2025

Respirable Dust Sampler Model RDS 9000 (Sl. No. 070701), Next Calibration due on 08/04/2026

for **NEO GLOBAL ENVIRO LABS LLP**

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REF.NO:NGEL/BP/317/AAQ/2025-003

Date :30-04-2025

AMBIENT AIR QUALITY DATA

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Location : **B.N.P.A**

Date of Sampling : **24-04-2025**

Sampling Time : 24 Hrs.

| S. No. | TEST PARAMETERS | UNIT | PROTOCOL | RESULTS | CPCB STANDARDS |
|--------|--|-------------------|--------------------------------------|---------------|----------------|
| 01. | Sulphur dioxide as SO ₂ | µg/m ³ | IS: 5182 Part 2- 2001 (RA-2017) | 10 | 80 |
| 02. | Nitrogen Dioxide as NO ₂ | µg/m ³ | IS: 5182 Part 6-2006 (RA-2017) | 15 | 80 |
| 03. | Particulate Matter (PM ₁₀) (Size Less than 10 µm) | µg/m ³ | IS: 5182 Part 23-2006 (RA-2017) | 57 | 100 |
| 04. | Particulate Matter (PM _{2.5}) (Size Less than 2.5 µm) | µg/m ³ | IS 5182 P-24 : 2019 | 28 | 60 |
| 05. | Ozone as O ₃ | µg/m ³ | IS: 5182 Part IX : 1974 (Reaff.2019) | 17 | 180 |
| 06. | Lead as Pb | µg/m ³ | IS: 5182 Part 22:2004 (Reaff.2019) | BDL (DL:0.01) | 1.0 |
| 07. | Carbon Monoxide as CO | mg/m ³ | IS: 5182 Part 10 : 1999 (Reaff.2019) | BDL (DL:1.0) | 4.0 |
| 08. | Ammonia as NH ₃ | µg/m ³ | IS 5182 P-25 : (2018) | 22 | 400 |
| 09. | Benzene | µg/m ³ | IS: 5182 Part 11-2006 (Reaff.2017) | BDL (DL:1.0) | 5.0 |
| 10. | Benzo (α) Pyrene | ng/m ³ | IS: 5182 Part 12 -2004 (Reaff. 2009) | BDL (DL:0.5) | 1.0 |
| 11. | Arsenic as As | ng/m ³ | USEPA Compendium Method IO-3.4; | BDL (DL:5.0) | 6.0 |
| 12. | Nickel as Ni | ng/m ³ | IS 5182 P-26 : 2020 | BDL (DL:3.0) | 20 |

Note : BDL: Below Detection Limit DL: Detection Limit

Note: All the values are within the limits prescribed by NAAQS.

All the parameters monitored and analyzed as per the MoEF notification Vide G.S.R. No.826 (E) Dt: 18/11/2009

Fine Particulate Sampler Model APM 550 (Sl. No. 288-DTE-2010), Next Calibration due on 23/07/2025

Respirable Dust Sampler Model RDS 9000 (Sl. No. 000607), Next Calibration due on 08/04/2026

for **NEO GLOBAL ENVIRO LABS LLP**

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REF.NO:NGEL/BP/317/AAQ/2025-004

Date :30-04-2025

AMBIENT AIR QUALITY DATA

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Location : **New Plant**

Date of Sampling : **24-04-2025**

Sampling Time : 24 Hrs.

| S. No. | TEST PARAMETERS | UNIT | PROTOCOL | RESULTS | CPCB STANDARDS |
|--------|--|-------------------|--------------------------------------|---------------|----------------|
| 01. | Sulphur dioxide as SO ₂ | µg/m ³ | IS: 5182 Part 2- 2001 (RA-2017) | 09 | 80 |
| 02. | Nitrogen Dioxide as NO ₂ | µg/m ³ | IS: 5182 Part 6-2006 (RA-2017) | 16 | 80 |
| 03. | Particulate Matter (PM ₁₀) (Size Less than 10 µm) | µg/m ³ | IS: 5182 Part 23-2006 (RA-2017) | 51 | 100 |
| 04. | Particulate Matter (PM _{2.5}) (Size Less than 2.5 µm) | µg/m ³ | IS 5182 P-24 : 2019 | 26 | 60 |
| 05. | Ozone as O ₃ | µg/m ³ | IS: 5182 Part IX : 1974 (Reaff.2019) | 18 | 180 |
| 06. | Lead as Pb | µg/m ³ | IS: 5182 Part 22:2004 (Reaff.2019) | BDL (DL:0.01) | 1.0 |
| 07. | Carbon Monoxide as CO | mg/m ³ | IS: 5182 Part 10 : 1999 (Reaff.2019) | BDL (DL:1.0) | 4.0 |
| 08. | Ammonia as NH ₃ | µg/m ³ | IS 5182 P-25 : (2018) | 23 | 400 |
| 09. | Benzene | µg/m ³ | IS: 5182 Part 11-2006 (Reaff.2017) | BDL (DL:1.0) | 5.0 |
| 10. | Benzo (α) Pyrene | ng/m ³ | IS: 5182 Part 12 -2004 (Reaff. 2009) | BDL (DL:0.5) | 1.0 |
| 11. | Arsenic as As | ng/m ³ | USEPA Compendium Method IO-3.4; | BDL (DL:5.0) | 6.0 |
| 12. | Nickel as Ni | ng/m ³ | IS 5182 P-26 : 2020 | BDL (DL:3.0) | 20 |

Note : BDL: Below Detection Limit DL: Detection Limit

Note: All the values are within the limits prescribed by NAAQS.

All the parameters monitored and analyzed as per the MoEF notification Vide G.S.R. No.826 (E) Dt: 18/11/2009

Fine Particulate Sampler Model APM 550 (Sl. No. 448-DTH-2010), Next Calibration due on 23/07/2025

Respirable Dust Sampler Model RDS 9000 (Sl. No. 051261), Next Calibration due on 08/04/2026

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REF.NO: NGEL/BP/317/FED/2025-005

Date :30-04-2025

FUGITIVE EMISSIONS DATA

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

| Location | Near Wet Scrubber |
|--|-------------------|
| 1. Date of sampling : | 24-04-2025 |
| 2. Total time of monitoring : . | 24 Hrs. |
| 3. Average flow rate : (cum/min) | 1.18 |
| 4.Total suspended particulate : matter concentration ($\mu\text{g}/\text{m}^3$) | 197 |

High Volume Sampler Model HVAS 9000C /000912, Next Calibration due on 31/12/2025

for **NEO GLOBAL ENVIRO LABS LLP**

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REF.NO: NGEL/BP/317/FED/2025-006

Date :30-04-2025

FUGITIVE EMISSIONS DATA

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

| Location | Near Dust Collector |
|--|---------------------|
| 1. Date of sampling : | 24-04-2025 |
| 2. Total time of monitoring : . | 24 Hrs. |
| 3. Average flow rate : (cum/min) | 1.23 |
| 4.Total suspended particulate : matter concentration ($\mu\text{g}/\text{m}^3$) | 236 |

High Volume Sampler Model HVAS 9000C /240314, Next Calibration due on 25/03/2026

for **NEO GLOBAL ENVIRO LABS LLP**

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E-mail : globalelabs@gmail.com, globalelabs@rediffmail.com

REF.NO: NGEL/BP/317/STM/2025-007

Date :30-04-2025

STACK MONITORING DATA

| Name of the Industry | | : M/s. British Paints | | | | |
|----------------------|----------------------|--|-------------------------------------|-------------------------------|--------------------------|--|
| Address | | : (A Division of Berger Paints India Ltd), Plot No.32 (Part), APIIC Industrial Park, Sy.No.260 (Part) & 272 (Part) of Gollapuram (V), Hindupur (M), Anantapur (Dist). | | | | |
| Date of Monitoring | | : 24-04-2025 | | | | |
| Sl. No: | Stack Attached to: | PM (g/kW-hr) | NOx (g/kW-hr) | HC (g/kW-hr) | CO (g/kW-hr) | Smoke Limit (Light absorption coefficient, m-1) (at full load) |
| 1 | 125 KVA D.G Set | 0.10 | 0.28 | 0.21 | 0.12 | 0.23 |
| 2 | 365 KVA D.G Set | 0.14 | 0.36 | 0.24 | 0.16 | 0.27 |
| 3 | 360 KVA D.G. Set | 0.12 | 0.31 | 0.23 | 0.12 | 0.21 |
| 4 | G.S.R 520 (E) | ≤ 0.3 | ≤ 9.2 | ≤ 1.3 | ≤ 3.5 | ≤ 0.7 |
| 5 | Method Used | IS: 11255 (Part-I), 1985(RA-2019) | IS: 11255 (P-7), 2005 (2017) | IS:5182 (Part-VI) 1975 | Flue gas Analyzer | IS:11255 (Part-I) 1985 |

Note: All the values are within the limits prescribed by G.S.R 520 (E)

Stack Kit Model/SL/No:APM 620-602 / 956 DTB 09, Next Calibration on: 08-04-2026

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REF.NO: NGEL/BP/317/STM/2025-008

Date :30-04-2025

STACK MONITORING DATA

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Sample Particulars : Stack attached to Dust Collector
Date of sampling : 24-04-2025
Time of monitoring : 12:50 p.m.

1. Duct Dimensions (m) : 0.55 x 0.41
2. Area (sq m) : 0.23
3. Flue gas temperature (°C) : 52
4. Exit velocity of flue gases (m/sec) : 13.66
5. Flow rate (cum/hr) : 11,310

| EMISSION DATA | Limits | Method Used |
|--|--------|-------------------------------------|
| 6. Suspended particulate matter Concentration (mg/N m ³) | 23 | 115 |
| | | IS : 11255 (Part-I), 1985 (RA-2019) |

Note: All the values are within the limits prescribed by APPCB.
Stack Kit Model/SL/No:SEA-90/000908, Next Calibration on: 08-04-2026

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REF.NO:NGEL/BP/317/NQD/2025-009

Date :30-04-2025

AMBIENT NOISE QUALITY DATA

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Date of Monitoring 24-04-2025

| Location | Noise Levels in dB (A) | |
|----------------------------|------------------------|-------------------|
| | Day Time (1) | Night Time (2) |
| 1. Near Ball Mill – I Area | 68 | 64 |
| 2. Near Water Base Area | 67 | 62 |
| 3. Near I.E.C Machine Area | 72 | 68 |
| 4. Near T.S.D Area | 69 | 64 |
| 5. Near D.G. Set | 71 | 68 |

(at 5m Distance)

Method Used : IS : 9989 – 1981 (RA-2014)

Note: 1. Daytime is reckoned in between 6 a.m and 10 p.m

2. Nighttime is reckoned in between 10 p.m and 6 a.m

3. APCCB Limits for Noise Level at Daytime is 75 dB (A) and Night time is 70 dB (A)

Noise Level Meter Model SL-4010 (Sl. No. Q666976), Next Calibration on: 21-09-2025

for **NEO GLOBAL ENVIRO LABS LLP**

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REF.NO: NGEL/BP/317/STM/2025-010

Date :30-04-2025

STACK MONITORING DATA

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Sample Particulars : Stack attached to 850 Kg/hr Steam Boiler and 2 Lakh K.Cal/hr
Thermic Fluid Heater

Date of sampling : 24-04-2025

Time of monitoring : 01:50 p.m.

1. Stack diameter (m) : 0.46
2. Stack cross sectional area (sq m) : 0.166
3. Flue gas temperature (°C) : 110
4. Exit velocity of flue gases (m/sec) : 10.67
5. Flow rate (cum/hr) : 6,376

| EMISSION DATA | | Limits | Method Used |
|---|------|------------|--|
| 6. Suspended particulate matter Concentration (mg/N m ³) | : 37 | 115 | IS: 11255 (Part-I), 1985 (RA-2019) |
| 7. Sulphur dioxide Concentration (mg/N m ³) | : 59 | --- | IS: 11255 (Part-II), 1985 (RA-2019) |
| 8. Oxides of nitrogen Concentration (mg/N m ³) | : 74 | --- | IS: 11255 (P-7), 2005 (RA-2017) |

Note: All the values are within the limits prescribed by APPCB.

Stack Kit Model/SL/No:SEA-90/000908, Next Calibration on: 08-04-2026

for NEO GLOBAL ENVIRO LABS LLP

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REF.NO:NGEL/BP/317/WWA/2025-011

Date :30-04-2025

WASTEWATER ANALYSIS

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Date of collection : 24-04-2025

Date of analysis : 25-04-2025

| Sample Particulars | I | II | Limits | Method Used |
|---|-------|-------|-----------|-------------------------------|
| 1. pH | 7.48 | 7.33 | 5.5 – 9.0 | IS:3025 (P-11) 1983 (RA-2017) |
| 2. Total Dissolved Solids | 1,906 | 1,730 | 2100 | IS:3025 (P-16) 1984 (RA-2017) |
| 3. Total Suspended Solids | 231 | 26 | 200 | IS:3025 (P-17) 1984 (RA-2017) |
| 4. Chemical Oxygen Demand | 1,532 | 97 | 250 | IS:3025 (P-58) 2006(RA-2017) |
| 5. Biological Oxygen Demand (3 days at 27°C) | 420 | 21 | 100 | IS:3025 (P-44) 1993 (RA-2019) |
| 6. Oil & Grease | 1.12 | 0.13 | 10 | IS:3025 (P-39) 1991 (RA-2019) |

Note: All the values except pH are expressed in mg/liter

All the values are within the limits prescribed by APPCB

Note : **I** : E.T.P Inlet

II : E.T.P Outlet

for NEO GLOBAL ENVIRO LABS LLP


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REF.NO:NGEL/BP/317/WA/2025-012

Date :30-04-2025

WATER ANALYSIS

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Sample Particulars : Raw Water – I (BNPA)
Date of collection : 24-04-2025
Date of Analysis : 25-04-2025

| | | |
|---|---|------------|
| 1. Colour | : | Colourless |
| 2. pH | : | 7.34 |
| 3. Electrical Conductivity (micro mhos) | : | 1,286 |
| 4. Dissolved Solids (mg/l) | : | 901 |
| 5. Total Hardness (mg/l) | : | 568 |
| 6. Phenolphthalein Alkalinity(mg/l) | : | Nil |
| 7. Methyl Orange Alkalinity (mg/l) | : | 324 |
| 8. Non-Carbonate Hardness (mg/l) | : | 244 |
| 9. Calcium as Ca (mg/l) | : | 124 |
| 10. Magnesium as Mg (mg/l) | : | 62.7 |
| 11. Sodium as Na (mg/l) | : | 178 |
| 12. Potassium as K (mg/l) | : | 2.21 |
| 13. Chloride as Cl (mg/l) | : | 270 |
| 14. Sulphate as SO ₄ (mg/l) | : | 148 |
| 15. Nitrate as NO ₃ (mg/l) | : | 70 |
| 16. Fluorides as F (mg/l) | : | 0.76 |
| 17. Silica as SiO ₂ (mg/l) | : | 2.04 |
| 18. Iron as Fe (mg/l) | : | 0.10 |
| 19. Turbidity (NTU) | : | 1.32 |

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E-mail : globalelabs@gmail.com, globalelabs@rediffmail.com

REF.NO:NGEL/BP/317/WA/2025-013

Date :30-04-2025

WATER ANALYSIS

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Sample Particulars : Raw Water – I (BNBA)
Date of collection : 24-04-2025
Date of Analysis : 25-04-2025

| | | |
|---|---|------------|
| 1. Colour | : | Colourless |
| 2. pH | : | 7.28 |
| 3. Electrical Conductivity (micro mhos) | : | 1,845 |
| 4. Dissolved Solids (mg/l) | : | 1,292 |
| 5. Total Hardness (mg/l) | : | 652 |
| 6. Phenolphthalein Alkalinity(mg/l) | : | Nil |
| 7. Methyl Orange Alkalinity (mg/l) | : | 228 |
| 8. Non-Carbonate Hardness (mg/l) | : | 424 |
| 9. Calcium as Ca (mg/l) | : | 140 |
| 10. Magnesium as Mg (mg/l) | : | 73.3 |
| 11. Sodium as Na (mg/l) | : | 189 |
| 12. Potassium as K (mg/l) | : | 2.63 |
| 13. Chloride as Cl (mg/l) | : | 321 |
| 14. Sulphate as SO ₄ (mg/l) | : | 182 |
| 15. Nitrate as NO ₃ (mg/l) | : | 107 |
| 16. Fluorides as F (mg/l) | : | 0.86 |
| 17. Silica as SiO ₂ (mg/l) | : | 2.23 |
| 18. Iron as Fe (mg/l) | : | 0.11 |
| 19. Turbidity (NTU) | : | 1.68 |

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REF.NO:NGEL/BP/317/WA/2025-014

Date :30-04-2025

WATER ANALYSIS

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Sample Particulars : Raw Water – C.E.D
Date of collection : 24-04-2025
Date of Analysis : 25-04-2025

| | | |
|---|---|------------|
| 1. Colour | : | Colourless |
| 2. pH | : | 7.27 |
| 3. Electrical Conductivity (micro mhos) | : | 2,620 |
| 4. Dissolved Solids (mg/l) | : | 1,834 |
| 5. Total Hardness (mg/l) | : | 698 |
| 6. Phenolphthalein Alkalinity(mg/l) | : | Nil |
| 7. Methyl Orange Alkalinity (mg/l) | : | 532 |
| 8. Non-Carbonate Hardness (mg/l) | : | 166 |
| 9. Calcium as Ca (mg/l) | : | 178.0 |
| 10. Magnesium as Mg (mg/l) | : | 61.47 |
| 11. Sodium as Na (mg/l) | : | 167 |
| 12. Potassium as K (mg/l) | : | 3.41 |
| 13. Chloride as Cl (mg/l) | : | 254 |
| 14. Sulphate as SO ₄ (mg/l) | : | 104 |
| 15. Nitrate as NO ₃ (mg/l) | : | 58 |
| 16. Fluorides as F (mg/l) | : | 0.87 |
| 17. Silica as SiO ₂ (mg/l) | : | 3.1 |
| 18. Iron as Fe (mg/l) | : | 0.21 |
| 19. Turbidity (NTU) | : | 1.68 |

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REF.NO:NGEL/BP/317/WA/2025-015

Date :30-04-2025

WATER ANALYSIS

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Sample Particulars : R.O. Drinking Water (IInd Floor)
Date of collection : 24-04-2025
Date of Analysis : 25-04-2025

| S. No | Parameters | Results | Drinking Water Specifications (As per IS 10500 : 2021) | |
|-------|--------------------------------------|------------|---|--|
| | | | Acceptable Unit | Permissible Limit (in the Absence of better Alternate Source) |
| 1 | Colour | Colourless | Colourless | -- |
| 2 | pH | 7.25 | 6.5-8.5 | NR |
| 3 | Electrical Conductivity (micro mhos) | 46 | -- | -- |
| 4 | Disssolved Solids (mg/l) | 32 | 500 | 2000 |
| 5 | Total Hardness (mg/l) | 21 | 200 | 600 |
| 6 | Phenolphthalein Alkalinity (mg/l) | Nil | -- | -- |
| 7 | Methyl Orange Alkalinity (mg/l) | 14 | -- | -- |
| 8 | Non-Carbonate Hardness (mg/l) | 07 | -- | -- |
| 9 | Calcium as Ca (mg/l) | 4.4 | 75 | 200 |
| 10 | Magnesium as Mg (mg/l) | 2.43 | 30 | 100 |
| 11 | Sodium as Na (mg/l) | 15 | -- | -- |
| 12 | Potassium as K (mg/l) | 0.30 | -- | -- |
| 13 | Chloride as Cl (mg/l) | 18 | 250 | 1000 |
| 14 | Sulphate as SO ₄ (mg/l) | 11 | 200 | 400 |
| 15 | Nitrate as NO ₃ (mg/l) | 04 | 45 | NR |
| 16 | Fluorides as F (mg/l) | 0.38 | 1.0 | 1.5 |
| 17 | Silica as SiO ₂ (mg/l) | 0.11 | -- | -- |
| 18 | Iron as Fe (mg/l) | 0.02 | 1.0 | NR |
| 19 | Turbidity (NTU) | 0.20 | 1.0 | 5.0 |

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REF.NO:NGEL/BP/317/WA/2025-016

Date :30-04-2025

WATER ANALYSIS

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Sample Particulars : Drinking Water (Canteen)
Date of collection : 24-04-2025
Date of Analysis : 25-04-2025

| S. No | Parameters | Results | Drinking Water Specifications (As per IS 10500 : 2021) | |
|-------|--------------------------------------|------------|---|--|
| | | | Acceptable Unit | Permissible Limit (in the Absence of better Alternate Source) |
| 1 | Colour | Colourless | Colourless | -- |
| 2 | pH | 7.05 | 6.5-8.5 | NR |
| 3 | Electrical Conductivity (micro mhos) | 101 | -- | -- |
| 4 | Disssolved Solids (mg/l) | 71 | 500 | 2000 |
| 5 | Total Hardness (mg/l) | 28 | 200 | 600 |
| 6 | Phenolphthalein Alkalinity (mg/l) | Nil | -- | -- |
| 7 | Methyl Orange Alkalinity (mg/l) | 35 | -- | -- |
| 8 | Non-Carbonate Hardness (mg/l) | Nil | -- | -- |
| 9 | Calcium as Ca (mg/l) | 6.4 | 75 | 200 |
| 10 | Magnesium as Mg (mg/l) | 2.91 | 30 | 100 |
| 11 | Sodium as Na (mg/l) | 21 | -- | -- |
| 12 | Potassium as K (mg/l) | 0.45 | -- | -- |
| 13 | Chloride as Cl (mg/l) | 26 | 250 | 1000 |
| 14 | Sulphate as SO ₄ (mg/l) | 14 | 200 | 400 |
| 15 | Nitrate as NO ₃ (mg/l) | 06 | 45 | NR |
| 16 | Fluorides as F (mg/l) | 0.42 | 1.0 | 1.5 |
| 17 | Silica as SiO ₂ (mg/l) | 0.10 | -- | -- |
| 18 | Iron as Fe (mg/l) | 0.01 | 1.0 | NR |
| 19 | Turbidity (NTU) | 0.13 | 1.0 | 5.0 |

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REF.NO:NGEL/BP/317/VOC/2025-017

Date :30-04-2025

VOLATILE ORGANIC COMPOUNDS (VOC) DATA

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Sample Particulars : **Near Filling Area – Ground Floor (Solvent Based)**
Date of sampling : 24-04-2025
Time of monitoring : 10:15 a.m

1. Temperature (°C) : 32
2. Relative Humidity % : 47
3. V.O.C (ppm) : 2.30

VOC Kit Model/SL/No:M00401000786, Next Calibration on: 25/06/2025

Note: **Calibration Gas : Isobutylene W.r.f. to Measurement Gas: Isobutylene**

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REF.NO:NGEL/BP/317/VOC/2025-018

Date :30-04-2025

VOLATILE ORGANIC COMPOUNDS (VOC) DATA

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Sample Particulars : **Near Q.C Lab (British)**
Date of sampling : 24-04-2025
Time of monitoring : 10:50 a.m

1. Temperature (°C) : 34
2. Relative Humidity % : 42
3. V.O.C (ppm) : 0.6

VOC Kit Model/SL/No:M00401000786, Next Calibration on: 25/06/2025

Note: **Calibration Gas : Isobutylene W.r.f. to Measurement Gas: Isobutylene**

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REF.NO:NGEL/BP/317/VOC/2025-019

Date :30-04-2025

VOLATILE ORGANIC COMPOUNDS (VOC) DATA

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Sample Particulars : **Near Q.C Lab (BNPA)**
Date of sampling : 24-04-2025
Time of monitoring : 11:20 a.m

1. Temperature (°C) : 32
2. Relative Humidity % : 45
3. V.O.C (ppm) : 0.3

VOC Kit Model/SL/No:M00401000786, Next Calibration on: 25/06/2025

Note: **Calibration Gas : Isobutylene W.r.f. to Measurement Gas: Isobutylene**

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REF.NO:NGEL/BP/317/VOC/2025-020

Date :30-04-2025

VOLATILE ORGANIC COMPOUNDS (VOC) DATA

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Sample Particulars : **Near M.T.O Pumping Area (Solvent Based)**
Date of sampling : 24-04-2025
Time of monitoring : 12:00 p.m

1. Temperature (°C) : 31
2. Relative Humidity % : 46
3. V.O.C (ppm) : 2.56

VOC Kit Model/SL/No:M00401000786, Next Calibration on: 25/06/2025

Note: **Calibration Gas : Isobutylene W.r.f. to Measurement Gas: Isobutylene**

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REF.NO:NGEL/BP/317/VOC/2025-021

Date :30-04-2025

VOLATILE ORGANIC COMPOUNDS (VOC) DATA

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Sample Particulars : **Near Production Area (BNPA)**
Date of sampling : 24-04-2025
Time of monitoring : 12:40 p.m

1. Temperature (°C) : 35
2. Relative Humidity % : 49
3. V.O.C (ppm) : 2.2

VOC Kit Model/SL/No:M00401000786, Next Calibration on: 25/06/2025

Note: **Calibration Gas : Isobutylene W.r.f. to Measurement Gas: Isobutylene**

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REF.NO:NGEL/BP/317/SLA/2025-022

Date :30-04-2025

SLUDGE ANALYSIS

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Sample Particulars : ETP Sludge
Date of collection : 24-04-2025
Date of analysis : 25-04-2025

| Sl.No. | Parameters | Result |
|--------|---|--------|
| 1. | Calorific value cal/gm | Nil |
| 2. | Total Chromium as Cr mg/kg | <0.05 |
| 3. | Copper as Cu mg/kg | 11.32 |
| 4. | Hexavalent Chromium as Cr ⁺⁶ mg/kg | <0.05 |
| 5. | Nickel as Ni mg/kg | <0.01 |
| 6. | Zinc as Zn mg/kg | 816 |
| 7. | Lead as Pb mg/kg | <0.05 |

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REF.NO:NGEL/BP/317/SLA/2025-023

Date :30-04-2025

SLUDGE ANALYSIS

Name of the Industry : **M/s. British Paints**
(A Division of Berger Paints India Ltd),
Address : Plot No.32 (Part), APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram (V),
Hindupur (M), Anantapur (Dist).

Sample Particulars : Paint Sludge
Date of collection : 24-04-2025
Date of analysis : 25-04-2025

| Sl.No. | Parameters | Result |
|--------|---|--------|
| 1. | Calorific value cal/gm | Nil |
| 2. | Total Chromium as Cr mg/kg | <0.05 |
| 3. | Copper as Cu mg/kg | 12.83 |
| 4. | Hexavalent Chromium as Cr ⁺⁶ mg/kg | <0.05 |
| 5. | Nickel as Ni mg/kg | <0.01 |
| 6. | Zinc as Zn mg/kg | 1,069 |
| 7. | Lead as Pb mg/kg | <0.05 |

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