

KSH AUTOMOTIVE PVT. LTD.

## Verification Report on Recycled Water Consumption – 2024

**Facility:** Sewage Treatment Plant (STP), KSH Automotive Pvt. Ltd.

**Verified by:** TÜVRheinland

**Verification Date:** 02-07-2024

### 1. Objective

To independently verify the **volume of recycled water** utilized by the Sewage Treatment Plant (STP) at KSH Automotive Pvt. Ltd. for the year 2024, based on meter readings and recorded consumption data.

### 2. Methodology

- Review of monthly inlet and outlet meter readings for STP
- Cross-verification of logbook entries and calculated usage
- Review of water quality based on third-party testing by NABL-accredited laboratory
- Compliance review against:
  - ISO 14046:2014 – Water Footprint
  - GRI 303:2018 – Water and Effluents
  - KSH Automotive internal water usage tracking SOPs

### 3. Verified Monthly Recycled Water Usage (2024)

| Month        | Initial (L) | Final (L) | Consumption (L)      |
|--------------|-------------|-----------|----------------------|
| January      | 65,410      | 67,781    | 2,371                |
| February     | 67,781      | 70,104    | 2,323                |
| March        | 70,104      | 72,460    | 2,356                |
| April        | 72,460      | 74,809    | 2,349                |
| May          | 74,809      | 77,155    | 2,346                |
| June         | 77,155      | 79,474    | 2,319                |
| July         | 79,474      | 81,772    | 2,298                |
| August       | 81,772      | 84,042    | 2,270                |
| September    | 84,042      | 86,394    | 2,352                |
| October      | 86,394      | 88,644    | 2,250                |
| November     | 88,644      | 90,899    | 2,255                |
| December     | 90,899      | 93,216    | 2,317                |
| <b>Total</b> |             |           | <b>27,806 Liters</b> |

### 4. Water Quality Analysis ( June 2024)

**Lab Name:** STAR Analytical Services (NABL Accredited, MoEF&CC Recognized)

**Sample Type:** STP Outlet (Treated Recycled Water)

**Report No.:** SASIW-WW/06/24-8421

**Date of Sampling:** 17.06.2024

**Date of Analysis:** 18.06.2024 to 20.06.2024

| Parameter                       | Unit | Result | Method Used          |
|---------------------------------|------|--------|----------------------|
| pH                              | —    | 6.34   | APHA 4500 H+ B       |
| Total Dissolved Solids (TDS)    | mg/L | 648    | APHA 2540 C          |
| Total Suspended Solids (TSS)    | mg/L | 24.7   | APHA 2540 D          |
| Chemical Oxygen Demand (COD)    | mg/L | 193    | APHA 5220 B          |
| Biochemical Oxygen Demand (BOD) | mg/L | 44.2   | IS 3025 Part-44:2009 |
| Oil & Grease                    | mg/L | 5.78   | APHA 5520 B          |

## 5. Observations

- Meter readings and derived monthly recycled water usage values are consistent with records.
- Logbooks are complete, timestamped, and match meter progressions.
- Treated STP water sample (June 2024) meets non-potable reuse criteria.
- No inconsistencies or missing data were found during the verification.

## 6. Conclusion

TÜVRheinland. confirms that:

- KSH-STP recycled and reused **27,806 liters of treated water** in 2024.
- Measurement, documentation, and third-party lab testing confirm data accuracy.
- The report aligns with applicable environmental and ESG reporting standards.

Authorized Signatory



Lead Environmental Auditor  
**TÜV Rheinland India Pvt. Ltd.**

