

KSH AUTOMOTIVE PVT. LTD.

## Verification Report on Recycled Water Consumption – 2022

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

**Verified by:** TÜVRheinland **Verification Date:** 22-08-2022

### 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 2022, 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 (2022)

Month	Initial (L)	Final (L)	Consumption (L)
January	13,531	15,731	2,200
February	15,731	18,146	2,415
March	18,146	20,076	1,930
April	20,076	22,529	2,453
May	22,529	24,519	1,990
June	24,519	26,980	2,461
July	26,980	29,380	2,400
August	29,380	31,069	1,689
September	31,069	33,320	2,251
October	33,320	35,465	2,145
November	35,465	37,865	2,400
December	37,865	40,315	2,450
<b>Total</b>			<b>26,784 Liters</b>

### 4. Water Quality Analysis ( August 2022)

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

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

**Report No.:** SASIW-WW/08/22-5594

**Date of Sampling:** 12.08.2022

**Date of Analysis:** 13.08.2022 to 15.08.2022

Parameter	Unit	Result	Method Used
pH	—	6.18	APHA 4500 H+ B
Total Dissolved Solids (TDS)	mg/L	637	APHA 2540 C
Total Suspended Solids (TSS)	mg/L	26.1	APHA 2540 D
Chemical Oxygen Demand (COD)	mg/L	187	APHA 5220 B
Biochemical Oxygen Demand (BOD)	mg/L	43.6	IS 3025 Part-44:2009
Oil & Grease	mg/L	5.45	APHA 5520 B

## 5. Observations

- Meter readings and derived monthly water reuse figures were cross-validated and found to be accurate.
- Daily and monthly log entries were well maintained, dated, and matched with meter progressions.
- STP water quality sample from August 2022 meets acceptable reuse standards.
- No missing data or anomalies were noted during the review.

## 6. Conclusion

TÜVRheinland confirms that:

- KSH-STP recycled and reused **26,784 liters of treated water** in the year 2022.
- Meter records and internal logs demonstrate traceability and integrity.
- The data supports the company's commitment to sustainable water management..

**Authorized Signatory**



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

