

## GORICA Industries L.L.C.

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### To Whom it may Concern

This is to certify that theoretically calculated Centre of Gravity of 34,000 Litres, Single Compartment Water Tank Semi Trailer, is **2300 mm** (approx) from ground level.

This certificate is valid for

- Product – Water Tank Semi Trailer (2 x 16 Ton WT axle bogie)
- Capacity – 34,000 Litres
- Year 2015
- Tank Semi Trailer Chassis No. – GICW 150002

Parameters considered for Theoretical CG calculations

1. Tank Semi Trailer usable capacity = 34,000 Litres
2. Content – Water (specific gravity = 1)
3. Tank semi trailer weight + payload = 10000 + 34000 Kg
4. Tank is considered with rated capacity + 5% ullage
5. Tank semi trailer is considered for CG calculation, and all weight of accessories have been considered in calculation.
6. Centre of Gravity is calculated on weight basis only.
7. The tank inclination of 1° considered towards rear while coupled to tractor head.
8. The tolerance considered is approximately +/- 1%

GORICA Tankers are designed and built as per International Standards meeting ADR Standards dealing with Road Tankers.

For GORICA Industries LLC

Eng. Emad Gerges  
Dy General Manager - Technical

