

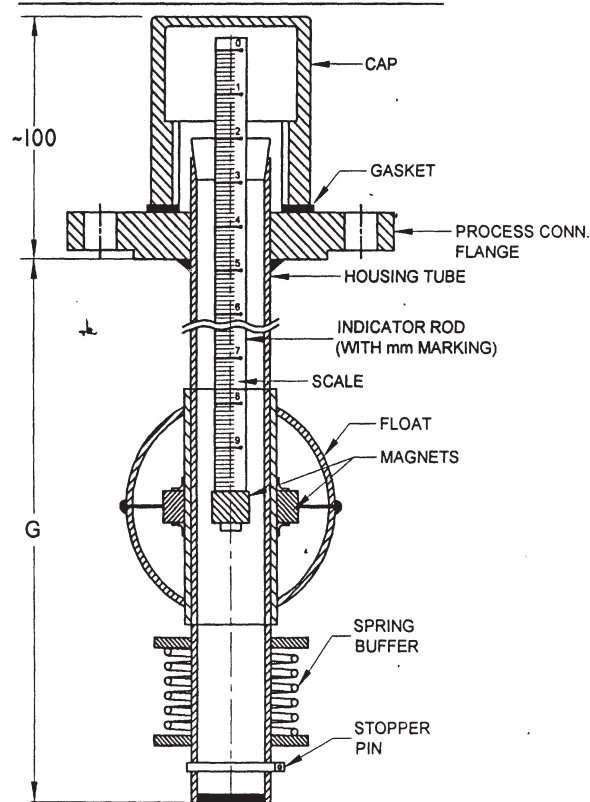
**ITEM NO.: 17****ITEM : TOP MOUNTED MAGNETIC LEVEL INDICATOR MEANT FOR ROAD TANKERS****REFER OUR G. A. DRG. NO. RTMLI-1000-RT****PRINCIPLE OF OPERATION:**

In this rail/ road tanker level indicators, the float which is moving up and down with reference to level rise or level decrease has an embedded magnet inside the float. Inside the housing tube there is an indicating tube having a powerful magnet at the bottom. The indicator tube has the markings which are engraved at every 10 mm. These units are mounted on to the top of the rail/ road tankers. When the user wants to see the level inside the tanker he has to open the cap and pull the indicator rod up slowly and he will feel at one place a magnetic linkage when the internal float magnet which is at the buoyancy point of the liquid present. At that time whatever the immediate marking shows above the housing tube will be the height of the road tanker's level. After measuring this, the indicator tube is pushed inside against the magnetic linkage and the same is tightened with cap. This is meant for pressurised vessels which holds flammable liquids and liquefied gases due to its inherent magnetic linkage.

**MATERIAL SPECIFICATIONS:**

- |                                          |   |                                                                                                        |
|------------------------------------------|---|--------------------------------------------------------------------------------------------------------|
| 1. Type                                  | : | Top mounted Level Indicator meant for road tankers                                                     |
| 2. Mounting                              | : | Top Mounted ( Internal )                                                                               |
| 3. Service                               | : | To Mention                                                                                             |
| 4. Op.pressure Kg/Cm2g/temp. ° C /Sp.Gr. | : | To mention                                                                                             |
| 5. Hydro test pressure Kg/Cm2g           | : | 1.5 times of max. Op.pressure                                                                          |
| 6. Process conn. Flange size and rating  | : | 4 " ANSI-150 # RF B-16.5 flanged or to mention                                                         |
| 7. Process conn. Flange matl.            | : | CS / SS                                                                                                |
| 8. All wetted parts matl.                | : | SS 304 / SS 316 / Polypropylene / PVDF / PTFE                                                          |
| 9. Measuring Range                       | : | To Mention                                                                                             |
| 10. Tank height / Nozzle projection      | : | To Mention                                                                                             |
| 11. Scale                                | : | Linear marking ie. Aluminium white background with black marking in cms. lines are engraved @each 10mm |
| 12. Qty.                                 | : | To Mention                                                                                             |

**TOP MOUNTED MAGNETIC LEVEL INDICATOR**  
**MEANT FOR ROAD TANKERS**



**RTMLI-1000-RT**