



**NRG GLOBAL**

Manufacturer of :  
Flow, Level, Pressure and  
Temperature Instruments

36, G.I.D.C. Industrial Estate,  
B/h. Mona Furniture,  
Opp. Bank of Baroda, Makarpura,  
Vadodara-390010. Gujarat, (India)  
Mo. No. : +91-9099029297  
E-mail : salesnrgglobal@gmail.com  
**GST No. : 24AARFN5355N1ZL**

# TUBULAR LEVEL INDICATOR



NRG GLOBAL make **Tubular Level Gauge** are designed for visual liquid level observation. **Liquid observation** is common in process industry. **Tubular Level Gauge** is the simplest and reliable form of **level indication** in atmospheric or pressurized tank applications. **Tubular Level Gauges** can be used to visualize the level in low or medium pressure application. NRG GLOBAL offers economical and reliable **level gauges** for direct reading of level in tanks / vessels. This **Tubular Level Gauge** consist C channel frame or tie rods, Glass tube, End blocks, and isolation valves, drain valve, Vent plug, and packing material. These **level indicators** are mounted on the side of the tank or vessel.

These **Tubular Level Indicators** are mounted parallel along the tank or vessel. The level in the transparent glass tube change as the process level fluctuates. Level changes accordingly to the process level fluctuation and gives local liquid indication. Changes are directly proportional. When liquid level in tank or vessel rises level in tube rises. When liquid level in tank or vessel decreases level in tube decreases. The level of liquid inside the tank or vessel and level of liquid inside the glass tube are same. Scale mounted on C Frame of **Tubular Level Gauge** indicates liquid level.

## Specifications

- Measuring Range 250 – 4000 MM IN SINGLE PIECE
- Size ½" TO 4" NB
- Carbon Steel of range 304/316-SS/PP/FRP used for construction
- Glass Tube of outer 19mm
- Scale of SS-304/Acrylic
- Maximum pressure of 10 Kg/cm<sup>2</sup>
- Temperature of 150° C
- End connections of screwed/flanged as per requirement

## Applications

- Chemical Industry
  - Petrochemical industry
  - Refineries
  - Pharmaceutical industry
  - Pressure vessels
  - Storage tanks
  - Marine industry
  - Water & Medium Storage
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- Process Tanks
  - Hydraulic
  - Filtration
  - Chemical Dosing Systems
  - Water Treatment
  - Boiler Drum Level
  - Ships / Bulk Carriers, etc.

## Advantages

- Simple and rugged construction
  - Easy mounting Low maintenance
  - Direct visible level indication
  - Economical measurement solution
  - Assured level indication without power supply
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- Safety auto shut off ball check valve for accidental breakage of glass tube
  - Protective guard rods or 'C' frame
  - Permit viewing from any direction
  - Available with level indicator for general applications
  - End connection screwed/flanged as per requirements of the customers