



# VISI 1311

## Mechanical Gauge Board

*for above ground storage tanks (sealed)*

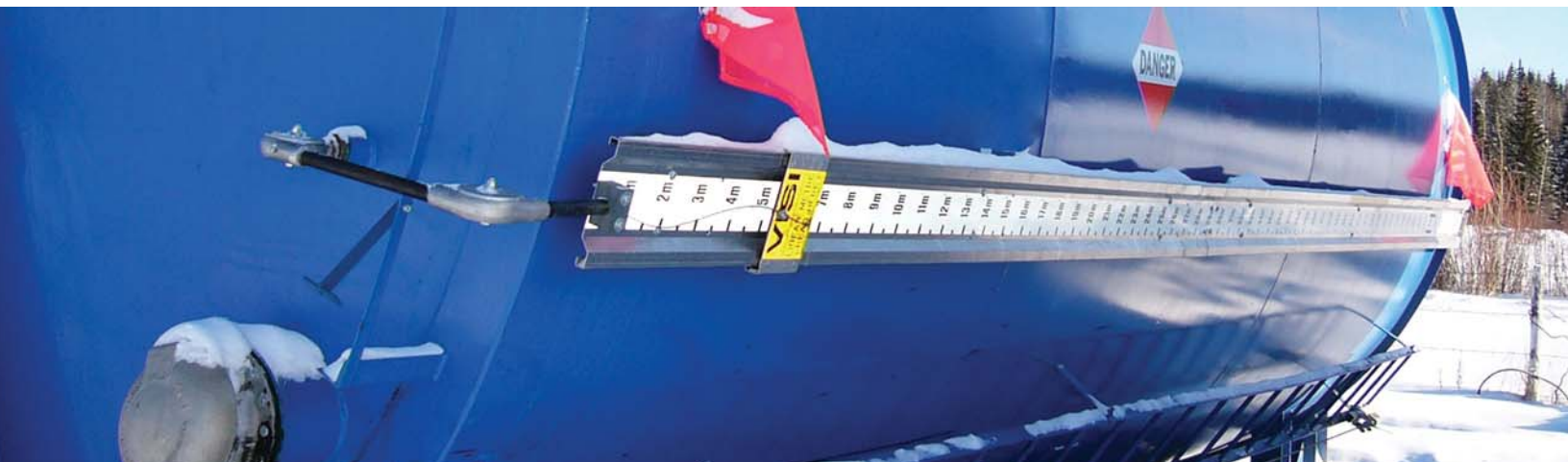


The VISI 1311 is a dependable and reliable mechanical gauge providing cost effective measurement of liquids that produce hazardous vapors. It is reliable and accurate in all weather conditions. Manufactured from durable, corrosion resistant materials permits operation in a wide variety of applications. It is based on the field proven VISI 1110, which has been used in thousands of installations since the early 1980's. The VISI 1311 is particularly applicable to portable tanks or high turbulence applications.

- Sealed version of the popular VISI 1110
- Available as guided wire version (for high turbulence applications)
- Easy installation
- Wide Temperature Range
- Accurate to 2 cm
- 3M reflective decal on signboard
- Signboard attached to tank by weld-on or magnetic brackets
- Low maintenance
- Few moving parts
- Can be read from a safe and convenient distance
- Rugged, durable construction

### applications

- Used in a variety of storage tanks including:
  - Single well facilities
  - Production batteries
  - Portable tanks



# VISI 1311 features

The VISI 1311 consists of a PVC or stainless steel float attached to a stainless steel cable passing through a sealed grease-packed cable guide. Liquid level is shown using a highly visible indicator on the gauge board. This indicator is a unique design utilizing teflon guides, which significantly enhances the performance of the gauge by reducing the likelihood of the indicator getting "hung-up" on traditional indicator guide wires. In-tank float guide cables are available for high turbulence or portable applications.



## Performance

- Measuring range: up to 13.72 M (32 ft.)
- Accuracy: 2 cm (1 inch)
- Pressure: 10 p.s.i.
- Temperature range -40° C to +60° C
- Typical cable-guide length: 0.5 M (20 inches)  
(center to center)

## Mechanical

- Materials of construction
  - Cable: S.S. (304)
  - Float: PVC (or stainless steel)
  - Signboard: Aluminum
  - Cable Guide: PVC
- Anchor Types (for guide-wire option)
  - Cable anchors (welded)
  - Weighted anchor (40lb), rubber lined
- Float
  - Dimensions (17" L x 4.5" D)
  - Custom floats available

## Output Options

- Proximity Switch (optional)
- Easily field adjustable over entire range of the tank
- Up to 8 per signboard
- SPDT (FORM C)
- Contact ratings:  
1250 Watts @ 120 Vac (10 A Max)
- Temperature Range: -40° C to +110° C

## Approval/Certifications

- Proximity Switch (optional)
  - Class 1 Div 2 Grps A,B,C,D

## Fluids Monitored

- Crude oil (sweet or sour)
- Drilling Mud
- Chemicals
- Acids, bases
- Refined Petroleum
- Salt Water
- Consult factory for more information

VISI 1311 kit includes: Signboard (ordered to the tank height), Indicator, Stainless Steel Float cable, PVC float, Single-seal dual pulley cable-guide, Welded mounting brackets (optionally magnetic).

## locations

### Head Office

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### Calgary Sales Office

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