



Level Indication > Zero Emission Underground Tank

The risers, stillwells and floats allow the use of a Roadside gauge head for underground tank level indication.

Roadside “R”

The Roadside “R” is a retractable version of our superb Roadside “S” gauge head. In place of an indicator to counterbalance the float, the Roadside “R” has a precision tuned spring retraction system. This allows the use of an above ground, sealed level indication system on an underground tank without the usual gauge board or indicator systems. A Goshawk is required with a Roadside “R.”

Underground Tank Riser

This riser attaches to the underground tank via flange connection, and provides mounting for a Roadside gauge head, as well as a gauge board and indicator & guide kit assembly. The riser sports a 1-1/2 NPT connection at the top for a Roadside gauge head, and can be fitting to a 3 or 4 ANSI 150# flange connection at the bottom.

Stillwell Float

Hawkeye offers this vertical stainless float, specific for underground applications. With its slender diameter it will fit into a 3 or 4 ANSI flange connection and in stillwells with inside diameters larger than 2.5 in.

Stillwells

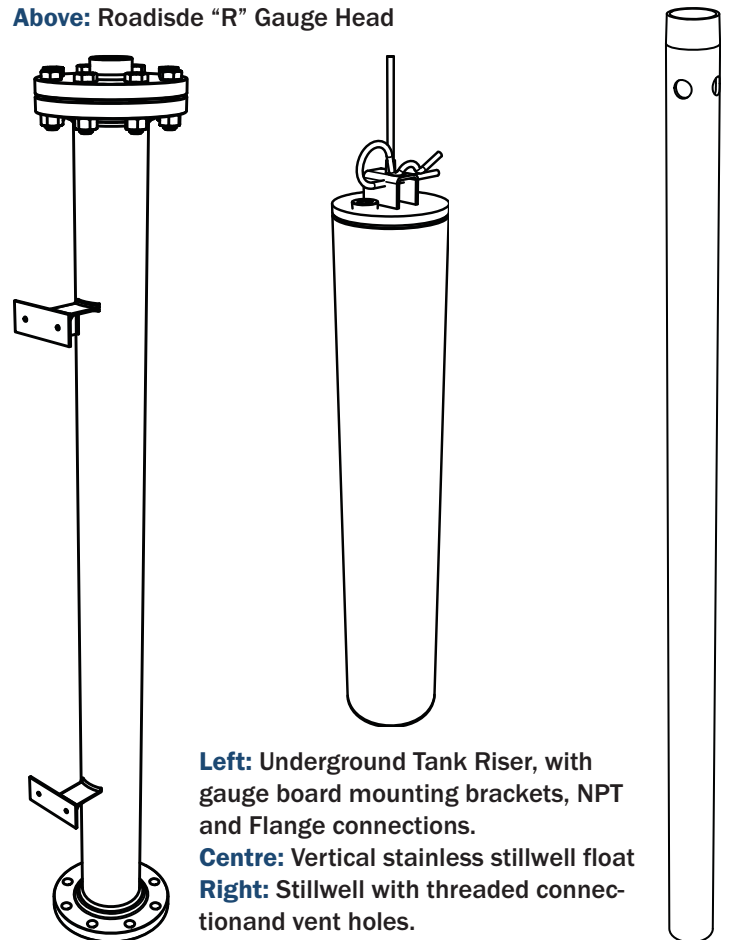
Hawkeye can also provide a stillwell suited for your application. Please contact us for more information.

Ordering Information

- 1.) Specify Roadside Hawk Sealed Gauge Head Underground System
- 2.) Specify Standard (S) or Retractable (R)
- 3.) Specify Optional Goshawk Transmitter (req. for (R))
- 4.) Specify Tank Height and Volume
- 5.) Specify Gauge Board Readout (Volume or Linear Height)
- 6.) Specify Level Switches (if required)
- 7.) Specify stillwell (if required).



Above: Roadside “R” Gauge Head



Left: Underground Tank Riser, with gauge board mounting brackets, NPT and Flange connections.
Centre: Vertical stainless stillwell float
Right: Stillwell with threaded connection and vent holes.



Underground Tank

Specifications

Measuring Principle	Float
Maximum Range	6 m [20 ft]
Local Display	None, Gauge Board & Indicator
Process Connection	150# ANSI Flange (3" or 4")
Process Temperature	-40 °C to 80 °C
Ambient Temperature	-40 °C to 70 °C
Pressure	1 bar [14.5 psi]

Schematic

- ▶ Roadside "S" or Roadside "R" Head (A)
- ▶ Goshawk Level Transmitter (see notes) (B)
- ▶ Underground Tank Riser (C)
- ▶ Stainless Steel Stillwell Float (D)
- ▶ Stillwell (E)
- ▶ Gauge Board with Decals (see notes) (F)
- ▶ Indicator & Guide Kit (G)
- ▶ Level Switches (Not shown)

Notes:

- Goshawk optional, except with Roadside "R"
- Gauge board not required with Roadside "R"

Goshawk Transmitter

The optional bolt-on Goshawk Level transmitter adds 4-20 mA electronic level indication to the Roadside Hawk Gauge Head. See the Goshawk brochure for more information.

Output	4 - 20 mA
Power Supply	13 - 24 VDC, Loop.
Maximum Height	GH1: 5.5 m [18 ft] GH2: 8.3 m [27 ft]
Process Connection	Bolted via specific gauge cover
Hazardous Location	CSA Class I, Div. 1, Group C&D

