

The Growco GCS Series grounding clamp overfill system is designed with advance technology integrated circuitry technology to ensure high precision and rugged construction for long term reliability while ensuring it will alert the operator if there is a break of proper grounding as well as it will disable the batch controller to stop the pump from continuous loading. The Growco GCS Series has the option with overfill protection secured to the Top Loading Arms to alert the operator that the liquid has reached the maximum high level limit as well as it will disable the batch controller to stop the pump from continuous loading. The built-in horn will buzz/alarm when either of the functions from grounding clamp and overfill probe have been detected in non proper usages. The GCS Series are used widely for road tankers in the oil storage tanks terminals, refineries, petrochemical complex as well as industries such as foodstuff, chemical, water treatments plants, etc.

➤ **FEATURES:**

- Unique design of advance technology integrated circuitry technology;
- With Embedded anti-lighting module, the alarm can work normally under lighting circumstance;
- When alarm is triggered, it can send out the alarm indication light and sound alarm at the same time;
- Can send out the grounding alarm & overfill alarm independently & automatically;
- Can be used independently and provide alarming signals to the batch controllers and terminal automation systems (TAS);
- Light weight;
- Simple installation;



**Typical Photograph of GCS Series for Top Loading Arms Application**

➤ **TYPICAL SPECIFICATIONS**

- Environment temperature : -35 to +70° C.
- Classifications : Exdia[ia] II BT4.
- Electrical supply : 12VDC; 24VDC; 220VAC.
- Power : <0.5W
- Detection resistance : <60 Ohms
- Approximate Size : 395mm x 175mm x110mm
- Cable outlets : 3/4NPT x 2; 1/2NPT x 2.aa
- Display : Two LED indication lights will display grounding and overfill functions.
- Overfill Probe(Optional) : Provided in 6 m Length standard cable.

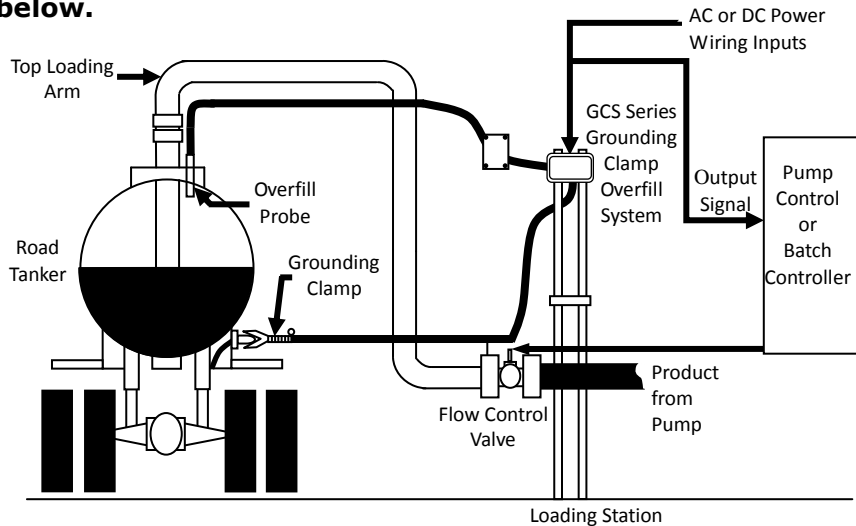


**Typical Photograph of Grounding Clamp**



**Typical Photograph of Overfill Probe**

- **Typical installation for Road Tanker with both grounding & overfill protection as shown below.**



- **We have the GPS Series Grounding Plug Overfill Systems designed for used with Bottom Loading Arms applications and do contact us for related bulletin no. GPS-B-08 for more details.**



**Typical Photograph of GPS Series for Bottom Loading Arm Application**

- **NOTES WHEN ORDERING:**
  - Describe its application.
  - Specify its model.
  - Specify supply voltage.
  - Other useful details or contact us.

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