



Limited Variance for Vehicle Tank Meters without Ticket Printers

The Division of Oil and Public Safety (OPS) has adopted The National Institute of Standards and Technology (NIST) Handbooks 44 and 130 in statute. Section 3.31 on Vehicle Tank Meters (VTM) in NIST Handbook 44, applies to meters mounted on vehicle tanks including those used for the measurement and delivery of petroleum products (Gasoline, Diesel, etc.). This section of the code includes a User Requirement (UR) for ticket printers and customer tickets and states the following:

UR.2.2. Ticket Printer, Customer Ticket. - *Vehicle-mounted metering systems shall be equipped with a ticket printer which shall be used for all sales where product is delivered through the meter. A copy of the ticket issued by the device shall be left with the customer at the time of delivery or as otherwise specified by the customer. (Added 1993) (Amended 1994)*

In May 1988 the National Conference on Weights and Measures (NCWM) announced that all vehicle tank meters must have ticket printers after January 1, 1999. On January 1, 1999, this requirement became retroactive for all vehicle-mounted metering systems covered under code section 3.31. The NCWM recognized that most customers were not present during transactions and that errors occurred when transaction information was manually entered on delivery tickets. Therefore, they felt that ticket printers provided a timely record of the transaction and a means to evaluate the accuracy of delivery invoices. The NCWM also acknowledged that technology was available to interface ticket printers with vehicle mounted measuring systems.

OPS will continue to allow a variance to UR.2.2, for vehicle-mounted metering systems not equipped with a ticket printer, if the following conditions apply:

- 1) All sales of product delivered through the meter are handwritten on an invoice or ticket in the presence of the customer prior to resetting the meter, or
- 2) If the customer requests deliveries be conducted in his/her absence and agrees to accept handwritten tickets recorded prior to resetting the meter.

Notwithstanding the above variance, vehicle-mounted metering systems placed in service on or after July 1, 2013 shall meet the requirements of UR.2.2. This requirement includes components on metering systems, specifically registers, which are replaced on existing trucks and placed in service on or after July 1, 2013.

If you have any questions regarding the requirements in UR.2.2 or this variance, please feel free to contact Scott Simmons by email at scott.simmons@state.co.us or by phone 303-378-1103.