

Approval Listing Number - S.WA-1047 (Draft)
(Issued in advance of preparation of draft Approval Listing only in case of Interim Approval).

J. E. Trudel Ltee
10049 London Ave.,
Company Requesting Approval - Montreal North, P.Q. H1H 5G4

Type of Device - Metering System for Milk Receiving

Model No.

RC30 Metering system for milk receiving consisting of: gravity flow
RC70 deaerator on pump inlet; centrifugal pump with impeller sized to develop no more than 6"Hg of vacuum under operating conditions at site; vacuum gauge on pump inlet and pressure gauge on pump discharge; non return valve between pump outlet and strainer inlet, followed by 2-inch (Model RC30) or 3-inch (Model RC70) Schlumberger sanitary meter, followed by a second non-return valve on the meter outlet. The deaerator is equipped with an external, visible ball check valve for the release of air when the system is primed and a float switch to stop the pump when the delivery is completed. The inlet connection on both models is 3-inch.

Conditions: This metering system is to be used only at locations where an adequate difference in elevation can be provided between it and the tank trucks to be unloaded, and this difference must be such that at the maximum pumping rate obtainable from the truck with the most restricted piping, the vacuum at the pump suction does not exceed 6" Hg or 3 psi (pounds per sq. inch)

Existing meters with deaerators on the pump discharge may be converted to this system by replacing the deaerator, reducing the impeller diameter if necessary, and installing the check valves etc., in the same configuration as on a unit assembled by Schlumberger.

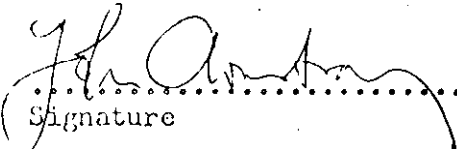
On all systems all conduit from the tank truck valve to the deaerator must be 3-inch or larger and not longer than 20 feet.

Where an automatic system is installed to control and record the vacuum at the pump suction by throttling a pneumatically-controlled valve on the pump discharge, there need be no restriction on the capacity of the pump. (Continued on page 2)

Central File No. - 6953-C406

Lab. File No. -

.....Dec 19.....1977.....
Date of Filing.


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Signature

Note: File Record of Approval Action with Approval Listing notices when Approval Listing number is assigned in advance of preparation of notice; file at back of book by Central File No. when Approval Listing number is not assigned.

Remove Record of Approval Action from Approval Listing Book when the company is notified of rejection, or when Special Approval Listing notice or draft of Approval Listing notice is filed with notices; replace draft of Approval Listing notice with printed notice when available.

Conditions Continued

Where the vacuum gauge at the pump suction is not legible to an operator on the milk receiving floor a second gauge shall be installed at a convenient location and the reading of this gauge marked when there is 6" Hg (3 psi) vacuum at the pump suction gauge. The first gauge may then, if desired, be removed, provided the connection for it is retained so that an Inspector can install a test gauge when required.

