Stationary Milk Reception Systems

01) How many compartments are available on the milk collecting truck
( )1-2 **( )** 2-3 **( )** 3-4
02) Are the compartments discharged **( )** one after the other
( ) simultaneously

03) Content of each milk compartment: approx. _____litres

04) Tanker outlet: DN_____ Hose: DN_____ Length: _____m

05) Are the tanker outlets equipped with vortex breakers ? **( )** yes **( )** no

06) Intake quantity (litres/hour) _____
Operating pressure:_____bar max.

07) Capacity during cleaning (litres /hour) _____
Operating pressure:_____bar max.

08) Smallest intake quantity **( )**500 Litres **( )** 1.000 Litres

09) **Can the milk flow by gravity from the tanker outlet into the air eliminator ? Air eliminator inlet is 550 mm minimum, this means truck outlet must be at minimum 650 mm from floor level (please refer to drawing A06502)**
( ) yes **( )** no **(if no, please answer question 10 or 11)**
Tanker outlet from floor level: **( )** mm

Optimum would be: reception system for installation in a celler !

10) Can the milk flow by gravity from the tanker outlet into a pump infront of the air eliminator (please refer to drawing A99502)
( ) yes**( )** no **(if no, please answer question 11)**

11) Will the reception system be installed higher that the tanker outlet, maybe on a ramp but a pump can be installed close to the truck and milk can flow by gravity into this feeding pump ?
( ) yes **(only if question 9 + 10 is "no")**

GEA Diessel GmbH
Steven 1
31135 Hildesheim / Germany
Tel.: +49 (0)5121-742-0
www.geadiessel.com

( ) It is not possible to install a pump close to the truck and milk can not flow by gravity into this feeding pump
If so, distance from tanker outlet to site of reception system is **(**____ **)** metres
Difference from tanker outlet to air eliminator inlet (approx. 750 mm) in cm **(**___ **)**

12) Installation place of system controller:
( ) at the reception system if this is not at the unloading bay
( ) at the unloading bay, if so, how long is the distance (metres) between unloading bay and reception system ?_____m

Additional equipment required ?

13) Sampling requested: **( )** no
( ) yes

14) Sample bottle turntable required: **( )** no **( )** yes (if yes, please advise the required bottle content): **( )** 250 ml **( )** 500 ml **( )** 1000 ml

15) Supplier identification :**( )** manually via keyboard
( ) automatically via inductive identification system

16) Temperature measurement of milk during reception process **( )** no **( )** yes

17) Shall it be possible for a supervisor to decide whether the reception process is continued or stopped, if a preset temperature limit has been reached ?
( ) no **( )** yes: protected by coded entry **( )** no **( )** yes

18) **Communication to P**hysical **L**ogical **C**ontrollers required ?
(makes only sense if no data transfer to Personal Computer is required):

( ) no **( )** yes
to **PLC** type:
( ) Simatec **( )** Allan Bradley **( )** Rockwell **( )** other _____

_____ via

( ) Profibus DP, Note: PLC would be the Master, our controller would be the Slave data in "floating point values" (not ASCII !)

( ) RS 485 interface Interface protocol type _____ or via
( ) digital inputs/outputs

19) **Data transfer to Personal Computer** (ASCII format only) required (makes only sense if no communication to PLC is required):
( ) no **( )** yes

( ) via USB **( )** after each reception or **( )** daily

Data to be transferred: **( )** Date **( )** Time **( )** Volume
( ) System no. **( )** Temperature
( ) supplier number
( ) Supervisor code

20) **Printer** from GEA Diessel required (makes sense if no data transfer is required):
( ) no
( ) yes, for installation at the unloading bay in a aluminium cast housing
( ) yes, for installation into an office (how many metres cable between system controller and printer required ? ____ m

For print-out of:
( ) Date **( )** Time **( )** Volume
( ) System no. **( )** Temperature
( ) Supplier number **( )** Supervisor code

21) The milk will be pumped into one storage tank on the same floor as the reception system. **( )** yes **( )**no, more tanks in different level required pressure: **( )** bar

22) Pipeline pressure is constantly: . **( )** yes **( )**no