

Work routine:

Every time cleaning boots: Clean sponge + rinse very well. Maybe put on very little cleaning, like Antikal of when freezing a drop antifreeze.
Rinse thoroughly with a water pistol and squeeze out well: you should be able to clean your (reading) glasses by rubbing them against the sponge!

3 x per day: 2-Minute-Check* prior to inspection round through barn (3x VMS Status, 3x Cow Monitor)
For an explanation, see the '2-Minute Check' attachment, and find further information via the QR code in the top-right corner of the '2-Minute-Check' document.
Camera + part arm what hits often teats, clean, evt. disinfect, + VMS-check**
A few times a day—this can be done during milking—spray down the hoses and the camera head.
Chance filters (best before cleaning)
Press the yellow button near the filter. Then wash your hands. When the button stops flashing and remains steadily lit, the filter can be replaced. Dirt is collected on the inside of the filter. Once the replacement is complete, the yellow button must be pressed again to disengage it.

1 x per day: Entering cow calendar data. *Cow card => Actions => Add (new) event.*
Milk cups, tubes and pre-cleaning cup (with carwash brush?) and check with eyes.
Set the touchscreen to "Manual (box closed)" to prevent any new cows from entering. Alternatively, use manual mode after a cow has exited the stall. (P) You can also close the entry gate via the "Stall" menu to temporarily stop cows from entering. Engage the safety switch. Begin by hosing down the floor and the lower bars of the entry and exit gates. Then, lower the milking cups and the pre-treatment cup so you can easily reach everything with a brush. Carefully check for any leaks or damage to the hoses, cups, or teat liners. At this point, you can also rinse the guide rails along which the cups are raised and lowered. Next, on the touchscreen, go to the icon with the head and key (settings) => End Effector => Camera. Clean the camera lens with a soft cloth—you may use a product like Antikal (or a similar descaling agent) if necessary. Let it sit for a moment, then rinse thoroughly. Rotate the camera and use the "tilt" function to spray clean the hinged corners. Ensure the camera head itself is also thoroughly clean, as it may occasionally come into contact with a teat. Use a flashlight to verify that the camera is completely clean—right into the corners!
Photocell above in VMS (Visolux) and in Smartgate, and BCS Camera. *Clean with damp cloth*.
Rinse manure tray and check feed trough for dirt
Cans for separation milk as well. *Place unused jugs upside down.*



➔ **Put the easiest forgettable activities in your Service Timer ! Or on DelPro Calendar and give VMS + belonging equipment chance to work (very) well !!**

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1 x per day (continued)
Concentrate intake control .
Service timer check (from Monitor Board)
Vacuum level check (45 – 48 kPa, correct and constant)
Oil lubrication and oil level Vacuum pump check,
Jerry cans with Alkali / Ultra / Acid and Teat dip check (also by Cooling tank)

1 x per week:
Frame VMS, feed manger, manure plate, rubber flap cleaning.
Compressor check: Pressure 6,5 – 8 Temperature < 10 °C
PC from VMS + VMS shut down and restart

1 x per 1 - 2 weeks:
Check the correct concentrate feed amount per cow in a clear, organized list.
Is she receiving the correct amount, appropriate for her production level and stage of lactation?
Check List Milking Performance, or a custom-created report.
It provides information on the efficiency of milkings: how much time does a cow spend in the robot, and what volume of milk is produced in return? Also, are there frequent instances of incomplete milkings or the cow kicking off the teat cups?
Change USB stick with weekly back-up. *(Depends on the version/update; ask the technician whether it is still required.)*

After 2500 milking's:
Change teat cup liners

1 x per month:
Check in "Batch VMS Animal Settings" if settings per cow are right. *Contr. A => Group Input => AMS Animal Settings.*
For example: Are all cows set to automatic milking permission? How many hours after an incomplete milking should they be allowed back? Are customized settings for slow-milking cows or teat cleaning still required? Etc.
Claw care for cows who can dried of soon or are over 120 Days in Milk.
The goal is to disturb cows as little as possible during their period of negative energy balance.

1 x per 2 month
Shave udders / burn hair *(especially in fall and winter maybe oftener!)*

1 x per 3 month:
Calibrate VMS Concentrate doser *(earlier by chancing Concentrate sort or Concentrate supplier)* *Clean the feed trough, then use the button with the head and key icon to navigate to "Automatic feeder" => "Feed 1" (or, for example, "Feed 2") => select the option with "3 x (!)". => Start the calibration process. Weigh the collected concentrate (in grams), divide this amount by 3, and—in the PC software—locate the "Concentrate feeder VMS" (under "Units"). The previously calibrated quantity will be displayed there. Double-click that entry and enter the new value you have just determined.*

1 x every 6 months:
Test emergency power generator.

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* 2-Minute-Check: Also to Download.
** VMS check: Works VMS well, for example: moves well; feeds well; does manure plate move all right; no leaking tubes; etc.
=> can VMS work well without me being around ?!?



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