

## Milk Quality Troubleshooting

MOST HYGIENE GRADES OCCUR BECAUSE OF A PROBLEM THAT WOULD HAVE BEEN DETECTED BY A SIMPLE INSPECTION ROUTINE.

This Troubleshooting Check List will detect over 90% of faults which can cause Hygiene Grades.

**Use the Checklist to conduct a Weekly Inspection and also for an Immediate Inspection if you get a grade alert.**

LOCATION	CHECK	COMMON FAULTS
MILKLINE	<ul style="list-style-type: none"> <li>● Flushing Pulsator/ Slug wash.</li> <li>● Inspect from <i>both</i> ends of line.</li> <li>● Upper surfaces at <i>ends</i> of line.</li> <li>● Open and inspect <i>every</i> joint.</li> </ul>	<ul style="list-style-type: none"> <li>● Insufficient turbulence. Call machine Company to do a check.</li> <li>● Visible patches/shadows caused by insufficient wash water in the milkline.</li> <li>● Air leaks at joints. Rubber seals perished.</li> </ul>
AUTOMATIC DISPENSER	<ul style="list-style-type: none"> <li>● Is your Automatic Detergent Dispenser working efficiently?</li> <li>● Is detergent is getting through?</li> </ul>	<ul style="list-style-type: none"> <li>● Hoses blocked / detergent not flowing / incorrect calibration.</li> <li>● Detergent container empty.</li> </ul>
MILK VAT	<ul style="list-style-type: none"> <li>● Recycle System / Contact Time</li> <li>● Single Pass System.</li> <li>● Spinner valve donut.</li> <li>● Walls around milk inlet.</li> <li>● Paddle.</li> <li>● Auto – wash rose.</li> <li>● Oasis Silo inlet valve.</li> <li>● Vat door.</li> </ul>	<ul style="list-style-type: none"> <li>● Insufficient water – need 2% of vat capacity.</li> <li>● Wash water required = 4% of vat capacity.</li> <li>● Perished/soiled donut.</li> <li>● Inadequate wash water contact time.</li> <li>● Soil deposits on under surface.</li> <li>● Blocked wash rose. No suction pipe filter.</li> <li>● Remove inlet valve and wash with alkali.</li> <li>● Manually scrub door &amp; door rubber.</li> </ul>
CLUSTERS	<ul style="list-style-type: none"> <li>● Claw base to sight glass joints.</li> <li>● Rubber valve.</li> <li>● Valve plate.</li> <li>● Inflations – look <i>and</i> smell!</li> <li>● Jetters.</li> </ul>	<ul style="list-style-type: none"> <li>● Vacuum too low.</li> <li>● Perished/split “O” ring.</li> <li>● Air leak at sight glass.</li> <li>● Replace if perished.</li> <li>● Soil trapped behind.</li> <li>● Perished/split inflation.</li> <li>● Blocked jetters? Check flow rate.</li> </ul>
MILK PUMP	<ul style="list-style-type: none"> <li>● Diaphragms.</li> <li>● Jumbo hoses and elbows.</li> <li>● Impeller Blades.</li> </ul>	<ul style="list-style-type: none"> <li>● Split, perished, deformed - even when new.</li> <li>● Any signs of wear—or perishing. Replace.</li> <li>● If broken or perished? Replace</li> </ul>
RECEIVER	<ul style="list-style-type: none"> <li>● Entire inside surface, especially upper back corners.</li> </ul>	<ul style="list-style-type: none"> <li>● Inadequate wash contact as the wash water doesn’t fill the receiver.</li> </ul>
HOT WATER	<ul style="list-style-type: none"> <li>● You <u>must</u> use a thermometer.</li> <li>● Measure the dump temperature.</li> <li>● Measure temperature at cylinder which should be 85°C.</li> <li>● Hot water element.</li> </ul>	<ul style="list-style-type: none"> <li>● Dump wash water - 60°C is recommended.</li> <li>● Thermostat faulty or set too low.</li> <li>● Element failure. Call Electrician to check.</li> </ul>
RUBBERWARE	<ul style="list-style-type: none"> <li>● Check records when last replaced, and record when next change due.</li> </ul>	<ul style="list-style-type: none"> <li>● Nothing will clean perished rubberware.</li> </ul>

If you find a fault and don’t know the cause and / or the solution, Call AGMAX HELPLINE.

**FREEPHONE 0508 524824**

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