











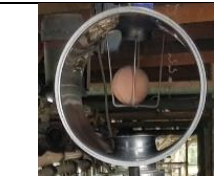




















## Fiji TechNote 1 – Dairy Farm Monthly Check (Milking Machines)

Component	What to check for (write comments as needed in space provided)	Tick or cross
 	<b>Clusters:</b> <ul style="list-style-type: none"> <li>• Inside claws?</li> <li>• Shut-off button?</li> <li>• Claw seals?</li> <li>• Air hole clear?</li> </ul>	..... ..... ..... .....
	<b>Liners:</b> <ul style="list-style-type: none"> <li>• Clean inside?</li> <li>• Not perished?</li> <li>• Not left hanging on jettors?</li> <li>• Smooth to touch on inside?</li> </ul>	..... ..... ..... .....
 	<b>Vacuum pump:</b> <ul style="list-style-type: none"> <li>• Oiler system is distributing oil at the right amount?</li> <li>• Wicks aren't clogged?</li> <li>• Belts are tight?</li> <li>• Guards are in place?</li> </ul>	..... ..... ..... .....
 	<b>Vacuum regulator and gauge:</b> <ul style="list-style-type: none"> <li>• Air intake is clean?</li> <li>• Vacuum is at the right level?</li> </ul>	..... .....
 	<b>Milk line:</b> <ul style="list-style-type: none"> <li>• Milk line end?</li> <li>• Seals?</li> <li>• Tight unions?</li> <li>• Rubber tubing?</li> </ul>	..... ..... ..... .....
	<b>Milk meters:</b> <ul style="list-style-type: none"> <li>• No water drops on inner surface? i.e. fat deposit</li> <li>• Rinse water drained out before alkaline wash?</li> <li>• Rinse water drained out before acid/sanitiser rinse?</li> </ul>	..... ..... .....

		<p><b>Other equipment, sight glasses:</b></p> <ul style="list-style-type: none"> <li>• Visibly clean?</li> <li>• Free of fat or other deposit inside?</li> </ul>	<p>..... .....</p>
		<p><b>Air system:</b></p> <ul style="list-style-type: none"> <li>• Sanitary trap?</li> <li>• Pipe above receiver?</li> <li>• Pulsator air line?</li> </ul>	<p>..... ..... .....</p>
		<p><b>Receiving Can/ Milk cans</b></p> <ul style="list-style-type: none"> <li>• Clean and no sign of protein or fat build up?</li> <li>• Rubber seals are not perished?</li> <li>• No build up around seals/ lids?</li> </ul>	<p>..... ..... .....</p>
		<p><b>Milk pump - centrifugal:</b></p> <ul style="list-style-type: none"> <li>• One-way valve?</li> <li>• Drain point?</li> </ul>	<p>..... .....</p>
		<p><b>Milk pump – diaphragm:</b></p> <ul style="list-style-type: none"> <li>• Diaphragms clean, no cracks?</li> <li>• Check valves OK?</li> <li>• Safety [no rotating shaft]?</li> </ul>	<p>..... ..... .....</p>
		<p><b>Plate cooler and delivery line:</b> <b>Do not open unless there is a problem</b></p> <ul style="list-style-type: none"> <li>• Damaged seals and connections?</li> <li>• Check inside of pipes and unions?</li> <li>• Shine torch in milk inlet and outlet to check for milk build up</li> </ul>	<p>..... ..... .....</p>
		<p><b>Milk filter:</b></p> <ul style="list-style-type: none"> <li>• Inside cylinder clean?</li> <li>• Rubber seals not perished?</li> <li>• Seals and unions clean?</li> <li>• Filter socks are being used?</li> <li>• Filter socks are being used only once if single use type?</li> <li>• Multi use filter socks are clean and dry?</li> </ul>	<p>..... ..... ..... ..... ..... .....</p>

	<p><b>Hot water:</b></p> <ul style="list-style-type: none"> <li>• There is enough hot water for number of cups = 10 liters per set</li> <li>• Temperature is 85° C at start of hot wash?</li> </ul>	<p>..... .....</p>
	<p><b>Jettors:</b></p> <ul style="list-style-type: none"> <li>• Are not blocked restricting water flow?</li> <li>• Jetter rubbers are not perished or cracked?</li> </ul>	<p>..... .....</p>
	<p><b>Vat/Bulk Tank</b></p> <ul style="list-style-type: none"> <li>• Is rinsed as soon as possible after collection?</li> <li>• Is clean with no buildup of protein or fats?</li> <li>• Taps and sightglass is clean?</li> <li>• Seals are clean with no buildup underneath?</li> <li>• Stirrer is clean?</li> </ul>	<p>..... ..... ..... ..... .....</p>

	 	<p><b>Milk Cans:</b></p> <ul style="list-style-type: none"> <li>• Are clean no protein or fat build up? .....</li> <li>• Have rack to allow to dry? .....</li> <li>• Not pitted or scratched? .....</li> <li>• Filter socks are being used? .....</li> <li>• Filter socks are clean and dry? .....</li> </ul>	
		<p><b>Refrigeration:</b></p> <ul style="list-style-type: none"> <li>• Is operating? .....</li> <li>• Milk temperature is below 7°C? .....</li> <li>• Milk cans are to MCC within an hour? .....</li> </ul>	