Marty's Milking Guide

Sample Farm

Mark O' Sullivan Teagasc Clonakilty

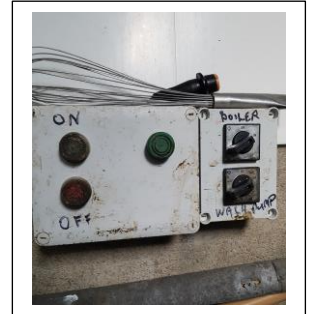# <mark>Pre Milking Checks</mark>

✓ Pipe in Tank

✓ Milk Sock On

✓ Feeder Hoppers are filled
   o Press 2 green Buttons on Schneider control box, wait 15 seconds and then fill main hopper with other Green Button

✓ Bulk Tank On and Gate Valve Closed
   o 10 Minute Delay for Bulk Tank to come on, only turn on when ready to start milking

✓ Manual Milk Pump A @ 9 O' Clock for Off

✓ Auto Pump B @ 11 O' Clock for On

✓ Dump Line Pump C in Middle Position for OFF

✓ Clip D On Receiver jar pipe is down for Closed

✓ Spreader on receiver jar = Not spreading

✓ Air Blast Wash on "Milk"

✓ ACR Switch on "Milk"

✓ 2 Drain valves at E & F are closed

✓ "2 Black Switches on Swing-Over arm are **Up** for "OFF"

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<mark>Milking</mark>

✓ Complete Pre Milking Checks

- Hit the "On" Button to start Machine

- Bottom Red Button Opens and Closes back gate

- Feeders
  Function and 1 = Flat Rate Feeding
  Any Number and Arrow → will feed RHS
      Eg, 4 & ← will feed 2kg to LHS

- To Milk move Tongle with Swing Over Arm to start vacuum
  Left Black Switch is Milk Line
  Right Black Switch is Dump Line.
  {Up = Off, Down is On}

- Lock ACR Press Green Hand {Red Light will flash}

- To Pull ACR, Press Yellow "Auto" to engage cord
  (Make sure Swing Over Arm is not Resting on Tongle)

  Hang Red Bands on Swing Over Arm When Milk into the Dump
  Line

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<mark>Washing Up</mark>

- Both Black Switches Up = OFF
- ACR and Blast Air Wash to "Wash" Mode
- Clusters Scrubbed and placed in Trays
- Turn Both Milk and Dump Line Down for On {Black Switches}
- Splash Plate Key turned to Spreading
- To Empty Stainless Jar,
  Turn Automatic Pump B to 12 O' Clock for Off
  Turn Manual Pump A to 12 O' C for ON (Wait few seconds for sound change)
  Now Turn Pump A OFF {9 O'C} and leave Pump B @ 12 O' C {OFF}
- Open Clip D on pipe of Receiver jar = Down for Open
- To Empty Dump Line,
  Turn Pump C Up for "On" and run to collect Waste Milk.
- Put suction pipe in water sink to fully empty dump line. Collect last of waste milk and dump when water comes
- To Empty Milk Line Turn Pump B to Wash (2 O' C) and run to take pipe out of tank when water appears. {5-10 Seconds}
- <u>(Can Take Fresh Milk from Milk Sock Line If needed for Calves before switching on Pump B)</u>
- Milk Sock Out before Detergent Wash
- 1.5 Litres of Detergent from 40 gallon drum into Left Sink.
- Hose Out Parlour while Detergent Circulating, Both dump line and milk line hoses into Left sink for circulating
- Final rinse of plant when Right tank full
- When right trough empty take Suction pipe out and let plant drain.
- Hit "Off" when no water dumpin

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Post Washing

- Dumpline Pump C is "Off" in Middle Position
- Manual Pump A = 9 O' C for OFF
- Auto Pump B = 10 O' C for ON
- Close Clip D = Up For Closed
- Spreader Not Spreading
- 2 Switches turned to Milking
- Both Drain Valves at E & F Open
- Both Black Switches Up for OFF
- Submersible Pump Off (9 O' C)

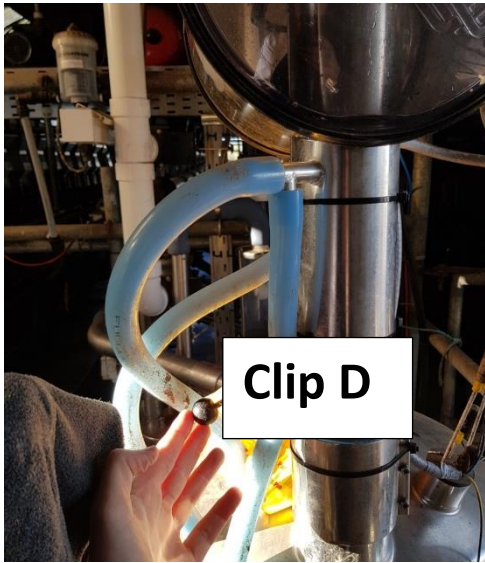**Mark O' Sullivan Teagasc Clonakilty**

Bulk Tank

After Milk Collection, Press and Hold 1 until you hear click and water drain
Only turn on when ready to start milking
Then press and hold 2 until green light beside 3 starts flashing
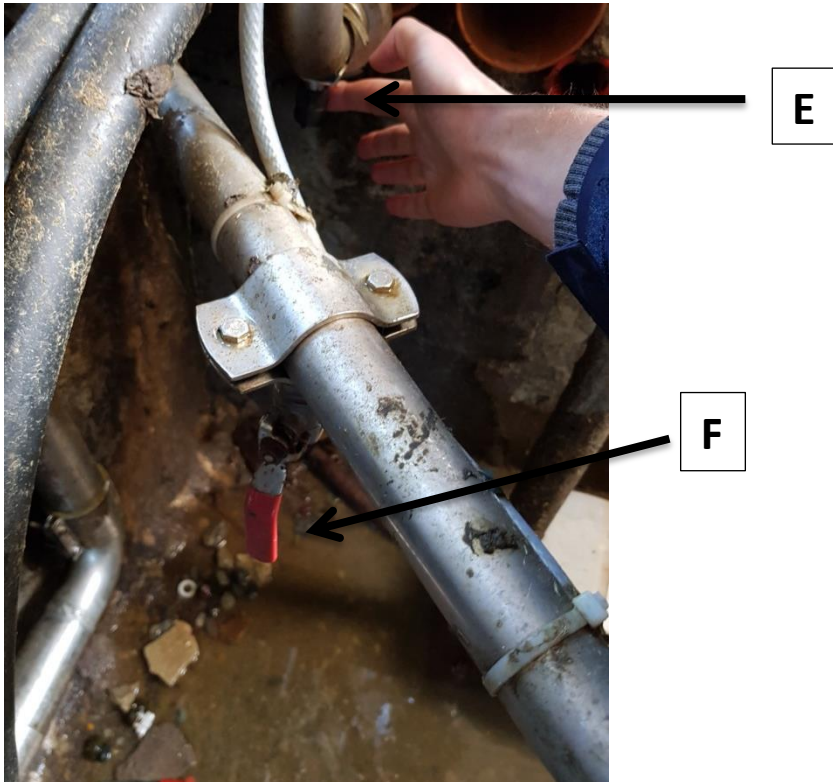10 minute delay from time you turn on tank to when it turns on

A. Pump A = Manual Milk (9 O' C = Off, 12 O' C = ON Manually)

B. Pump B = Automatic Milk Pump (10 O' C {Milk} and 2 O' C {Wash} = Automatic Mode "ON".
   12 O' Clock = "OFF"

A. Pump C = Manual Dump Line Pump

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Clip D

Drain Valves

E

F

Black Switches

Milk Line on Left	Dump Line on Right
Up = OFF	Up = OFF
Down = ON	Down = ON
Both Down for Wash Only	

Feeding System

Function & 1 = Flat Rate of Feeding	
Hit Any Number and L or R Arrow to Feed	
1	0.5kg
2	1kg
3	1.5kg
4	2kg
5	2.5kg
6	3kg etc

Individual Feeding, Turn Flat Rate Off (Function & 1)

Look at Space Number on Top Left

Hit any number to feed that cow place

Use arrow Up and Down to change cow place

Feeder Hoppers are filled

Press 2 green Buttons on Schneider control box, wait 15 seconds and then fill main hopper with other Green Button

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