

IMQCS CERTIFIED TRAINING PROGRAMME IN MILKING MACHINES MODULE 1, KILDALTON

Monday 24th of April 2017

09.30 – 10.00	Course introduction	T. Ryan
10.00 – 11.00	Theory of milking machine, outline the role of different milking machine components	T. Ryan
11.00 – 11.20	Coffee break	
11.20 – 11.45	Course administration, funding evaluation, etc.	Eamonn Farrell, ICOS
11.45 – 1.00	Theory of milking machine, outline the role of different milking machine components	T. Ryan
1.00 – 2.00	Lunch	
2.00 – 4.00	Installation standards and visual checking	T. Ryan
4.00 – 5.00	Theory of milking machine, outline the role of different milking machine components. Sample Questions	T. Ryan

Tuesday 25th of April 2017

09.30 – 10.30	IMQCS recommendations	T. Ryan
10.30 – 11.00	Operation of airflow meters Care and maintenance of air flow meters	T. Ryan
11.00 – 11.20	Coffee break	
11.20 – 1.00	Measurement of vacuum and reserve Recording and cross checking airflow measurements with standards	T. Ryan
1.00 – 2.00	Lunch	
2.00 – 3.00	Measurement of pulsation characteristics using a pulsation analyser. Fault diagnosis in pulsation systems. Sample questions.	T. Ryan
4.00 – 5.00	Theory of milking machine, outline the role of different milking machine components. Sample Questions	T. Ryan

Wednesday 26th of April 2017

09.30 – 1.00	Test machines on farms	T. Ryan
1.00 – 2.00	Lunch	
2.00 – 4.00	Prepare test reports	T. Ryan
4.00 – 4.30	Revision, sample questions, evaluation and close	T. Ryan

IMQCS CERTIFIED TRAINING PROGRAMME IN MILKING MACHINES MODULE 2, MOOREPARK AND KILDALTON

Tuesday, 23rd of May 2017 – Moorepark

9.30 - 10.30	Review of 1 st module and interpretation of test reports	Tom Ryan
10.30 - 11.00	Mastitis, cell counts, prevention and treatment	George Ramsbottom
11.00 – 11.20	Break	
11.20 – 1.00	Mastitis, cell counts, prevention and treatment	George Ramsbottom
1.00 - 2.00	Lunch	
2.00 - 3.30	AHI Cellcheck Programme	Finola McCoy
3.30 - 4.30	Research into milk residues, Iodine, TCM, etc.	Bernadette O'Brien
4.30 - 5.00	Installation guidelines and revision questions	Tom Ryan

Wednesday, 24th of May 2017 – Moorepark

9.30 – 11.00	ISO standards and revision questions	Tom Ryan
11.00 - 11.30	Break	
11.30 – 12.00	ISO standards and revision questions	Tom Ryan
12.00 – 1.00	Research into cleaning milking equipment, analysis of cleaning products and teat dips, cleaning equipment, procedures, etc.	David Gleeson
1.00 - 2.00	Lunch	
2.00 – 3.00	Milking machine research update and calibration of test equipment	John Upton
3.00 – 4.30	Research on energy usage on dairy farms	John Upton
4.30 to 5.00	Review and close	Tom Ryan

Thursday, 25th of May 2017 - Kildalton

9.30 - 11.00	Practice session on testing procedures	Tom Ryan
11.00 - 11.15	Break	
11.15 - 1.00	Practice session on testing procedures	Tom Ryan
1.00 - 2.00	Lunch	
2.00 – 3.00	Non-routine tests, fault diagnosis in electronic pulsation, relays, stray voltage	Tom Ryan
3.00 - 3.15	Break	
3.15 - 5.00	Exam preparation – revision questions	Tom Ryan

Friday, 26th of May 2017 - Kildalton

9.30 - 12.30	Exam - Questions 1 and 2 and practical exam	Eamonn Farrell, Tom Ryan & Alan Crowley
1.00 - 1.30	Lunch	
1.30 - 4.00	Exam - Questions 3 and 4	