

NZ Certificate in Animal Technology, Level 5, Rural Animal Technology strand

2020 Practicums Skills list

AT547001 Practicum One	AT548001 Practicum Two
1. Draft a minimum of 50 sheep and restrain 1 by tipping	1. Assist in stocktake
2. BCS sheep	2. Restock vet vehicle
3. Restrain a cow in a head bale	3. Apply livestock ear tags
4. Restrain a cow with a leg rope	4. Assist with dehorning / velvetting
5. Assist with machine milking a minimum of 100 cows during routine milking	5. Assess movement, restrain and examine hoof
6. Teat score dairy cattle	6. Trim hooves
7. BCS cattle	7. Clinical exam 1: rural (farmed) animal
8. Approach and catch an equine with halter and lead rope, lead at walk and trot for lameness inspection	8. Clinical exam 2: rural (farmed) animal
9. BCS equines	9. Clinical exam 3: dog
10. Prepare an equine hoof for radiography	10. Assist with paediatric docking / castration
11. Set up equipment and assist with large animal imaging (radiography or endoscopy or ultrasound)	11. Assist with disbudding
12. Harvest blood – tail vein	12. Assist with metricheck / metricure
13. Harvest blood - jugular	13. Assist with CIDR / Heifer sync
14. Collect a sterile milk sample	14. Assist with semen collection / AI
15. Conduct non-sterile milk testing for mastitis (either CRMT or electroconductivity)	15. Prepare and autoclave instruments
16. Create a diagnostic blood smear and PCV	16. Assist with admin of local
17. Conduct a FESp count test	17. Assist with surgery (non-sterile) 1/2
18. Conduct a McMaster's FEC	18. Assist with surgery (non-sterile) 2/2
19. Assist with one of: liver biopsy or DNA sampling or post-mortem	19. Apply a limb bandage
20. Clean and maintain a microscope	20. Set up a wound flush
21. Mark and record dairy animal for intramammary treatment and infuse intramammary therapy	21. Remove sutures
22. Administer vaccines	22. Anthelmintic calculations
23. Administer oral drench	23. Injectable drug calculations
24. Administer oral medications bullet/bolus/capsule	24. Oral drug calculations
Logged hours: Farms: a minimum of 40	Logged hours: Rural Veterinary Clinic: a minimum of 200
Logged hours: Rural Veterinary Clinic: a minimum of 80	