

Rendering Workshop Programme

24 - 27 September 2019 - Timaru

DAY 1 – Tuesday 24 September 2019

11.30am **Welcome and Introductions**
Kevin Cresswell, Meat Industry Association



12:00 -12.30pm **Lunch**

12.30pm **The importance of rendering**
Kevin Cresswell, Meat Industry Association



1.00pm **The transport and treatment of raw materials**
Gordon Henderson, Southern Proteins



1.45pm **Cooking raw materials**
Steve Dunn, Rendertech



3.00 – 3.15pm **Afternoon Tea**

3.15pm **Production of meat and bone meal**
Process of extraction, pressing, grinding & screening
Sampling, testing and specifications
Shane Leath, AgResearch



4.00pm **Group work**
Shane Leath, AgResearch



4.30– 5.00pm **Factors affecting validated time and temperature**
Shane Leath, AgResearch



5.30-6.30pm **End of day discussion**



DAY 2 – Wednesday 25 September 2019

8.00am	Yield and mass balance <i>Steve Dunn, Rendertech</i>	
8.30am	Steam/hot water production, energy and recovery systems <i>Jeff Smit, DETA Consulting</i>	
9.15am	Steam maintenance and control <i>Sharon Shah, Spirax/Sarco</i>	
10.00am	Water/steam/energy discussion	
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10.15-10.30am	Morning Tea	
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10.30am	Mechanical separation <i>Chris Elliot, Alfa Laval</i>	
11.30am	Hygienic rendering <i>Dave Lowry, Lowry Food Consulting Ltd</i>	
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12.30 -1.15pm	Lunch	
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1.15pm	Salmonella and oxidation – reducing the risk <i>Rick Carter, Kemin Industries Ltd</i>	
1.45pm	Evaporators <i>Steve Dunn, Rendertech</i>	
2.30-5.00pm	Site Visit I – Wallace Group, Timaru Site	

DAY 3 – Thursday 26 September 2018

8.30am	Fish meal and oil production <i>Todd Jacobs, Jaytod Engineering</i>	
10.30-11.00am	Morning tea	
11.00am	Environmental controls <i>Azam Khan, Pattle Delamore Partners Ltd</i>	
12.00pm	Odour control <i>James Richardson, Rendertech</i>	
12.30-1.00pm	Lunch - SPONSORED BY AUSPAC Ingredients	
1.00pm	The importance of plant housekeeping <i>Damian Armstrong, AUSPAC Ingredients</i>	
1.30pm	Tallow production <i>Anne Watling, GrainCorp</i>	
2.15pm	Site Visit II – Tallow Terminal, Timaru Port Courtesy of GrainCorp	
3.30pm	Site Visit III – Sanfords, Timaru	
6.00pm	Workshop Dinner Venue TBC.	
	Dinner – SPONSORED BY Rendertech	
	Beverages – SPONSORED BY Haarslev Industries Ltd	

DAY 4 – Friday 27 September 2018

8.30am	HACCP – principles of hazard analysis critical control points <i>Janice Attril, Ministry for Primary Industries</i>	 Ministry for Primary Industries Manatū Ahu Matua 
9.00am	Risk management programmes and MPI requirements <i>Janice Attrill, Ministry for Primary Industries</i>	 Ministry for Primary Industries Manatū Ahu Matua 
9.30-9.45am	Morning Tea	
9.45am	Market requirements TBA	
10.30 am	Overseas Market Access Requirements <i>Kevin Cresswell, Meat Industry Association</i>	 mia Meat Industry Association
11.00am	Workshop review <i>Kevin Cresswell, Meat Industry Association</i> <i>Steve Dunn, Rendertech</i>	
11.15-11.45pm	Lunch	
1.00pm	Site Visit IV – ANZCO Foods Ltd, Canterbury	
2.00pm	Drive to Rangiora (Christchurch)	
3.30-5.00pm	Optional Site Visit V – GTech, Rangiora GTech is an established world-class, manufacturing engineering enterprise with a wealth of knowledge and experience in rendering and separation technology. There will be a tour of the state-of-the-art workshop and light refreshments. This visit will be beneficial for both engineering and non-engineering minded people.	 GTech NEW ZEALAND

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