

Rendering Workshop Programme

25-28 September 2017 - Timaru

DAY 1 – Tuesday 25 September 2018

8.30am	Arrival and registration	
8.45am	Introductions <i>Kevin Cresswell, Meat Industry Association</i>	
9.15am	The importance of rendering <i>Kevin Cresswell, Meat Industry Association</i>	
9.30am	The transport and treatment of raw materials <i>Bruce Rountree, Hawkes Bay Proteins</i>	
10.15-10.30am	Morning Tea SPONSORED BY: Chemiplas	
10.30am	Cooking raw materials <i>Steve Dunn, Rendertech</i>	
11.45am	Production of meat and bone meal Process of extraction, pressing, grinding & screening Sampling, testing and specifications <i>Shane Leath, AgResearch</i>	
12:30 -1.00pm	Lunch SPONSORED BY SBT Marketing	
1.00pm	Group work <i>Shane Leath, AgResearch</i>	
1.45pm	Factors affecting validated time and temperature <i>Shane Leath, AgResearch</i>	
2.30pm	Market requirements <i>Grant Milner, SBT Marketing</i>	
3.15-5.00pm	Site Visit I – Wallace Group, Timaru	
5.30-6.30pm	End of day discussion	

DAY 2 – Wednesday 26 September 2018

8.00am **Yield and mass balance**
Steve Dunn, Rendertech



8.30am **Steam/hot water production, energy and recovery systems**
Jonathon Pooch, DETA Consulting



9.15am **Steam maintenance and control**
Sharon Shah, Spirax/Sarco



10.00am **Water/steam/energy discussion**

10.15-10.30am **Morning Tea SPONSORED BY: Spirax/Sarco**



10.30am **Mechanical separation**
Chris Elliot, Alfa Laval



11.30am **Evaporators**
Steve Dunn, Rendertech



12.15 -12.45pm **Lunch**

12.45pm **Hygienic separation**
Dave Lowry, Lowry Food Consulting Ltd



2.00pm **Salmonella and oxidation – reducing the risk**
Rick Carter, Kemin Industries Ltd



2.30-5.00pm **Site Visit II – ANZCO Foods Ltd, Canterbury**

DAY 3 – Thursday 27 September 2018

8.30am

Fish meal and oil production

Todd Jacobs, Jaytod Engineering



10.30-11.00am

Morning tea

11.00am

Environmental controls

Azam Khan, Pattle Delamore Partners Ltd



12.00pm

Odour control

James Richardson, Rendertech



12.30-1.00pm

Lunch - SPONSORED BY: AUSPAC Ingredients



1.00pm

The importance of plant housekeeping

TBC, AUSPAC Ingredients



1.30pm

Tallow production

Anne Wattling, GrainCorp



2.15pm

Site Visit III – Tallow Terminal, Timaru Port Courtesy of GrainCorp



3.30pm

Site Visit IV – Sanfords, Timaru

6.00pm

Workshop Dinner

Speights Alehouse, 2 George St, Timaru Central.

Dinner sponsored by Rendertech



Beverages sponsored by Haaslev Industries Ltd



DAY 4 – Friday 28 September 2018

8.30am **HACCP – principles of hazard analysis critical control points**
Nigel Lucas, Ministry for Primary Industries



9.15am **Risk management programmes and MPI requirements**
Nigel Lucas, Ministry for Primary Industries



10.00-10.15am **Morning Tea**

10.15am **Workshop review**
Kevin Cresswell, Meat Industry Association
Steve Dunn, Rendertech

10.30am **Possible Site Visit**

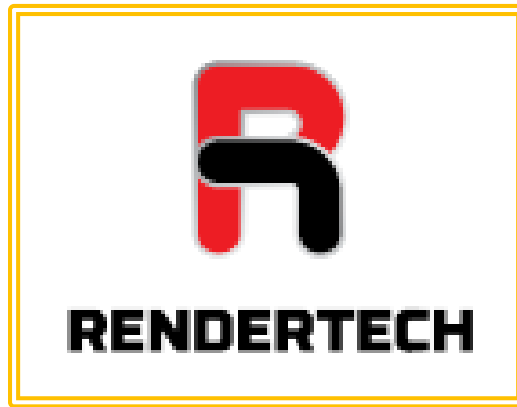
12.30pm **Lunch**

1.00pm **Drive to Rangiora**

3.00pm **Site Visit V – GTech, Rangiora**

5.00pm **Workshop close**

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