

Aquafeed & Dry Petfood Extrusion Technology

EUROPE, NORWAY

15 - 17 April 2024

Subject to minor changes

DAY ONE

Monday, 15 April 2024

08:15	Registration
08:30	Introduction & Welcome
08:45	Overview of the Extrusion Process
09:15	Extruder Configurations - Single & Twin Screw
10:00	Morning Break
10:30	Ingredients & Their Effects
11:15	The Role of Rheology in Extrusion Processing
12:00	Lunch
13:00	Principles of Die Design
13:45	Preconditioning for Extrusion
14:30	Afternoon Break
15:00	Pellet Quality Measurement
15:45	Product Formulation Example
16:30	Close Day One

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DAY TWO

Tuesday, 16 April 2024

08:30	Review of Day 1
08:45	Product Density Control
09:30	Causes & Effects of Instabilities During Extrusion Processing
10:15	Morning Break
10:45	Single Screw Extruders vs Twin Screw Extruders
11:30	Screw, Barrel & Die-plate Wear
12:15	Lunch
13:15	Demonstration in Pilot Facility Review of Demo Extruder Start-up Video & Discussion
15:15	Afternoon Break
15:45	Optimal Extruder Configurations
16:30	Close Day Two

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DAY THREE

Wednesday, 17 April 2024

08:30	Review of Days 1 and 2
08:45	Die Design & Extruder Configuration Examples
09:30	Paste Viscosity Measurement & Extruded Product Quality
10:15	Morning Break
10:45	Influence of Energy Input on Product Water Solubility
11:30	An Engineering Analysis of the Venting Section of an Extruder
12:15	Lunch
13:15	The Vacuum Infusion Process
14:00	Scale-up & Process Transfer
14:45	Extrusion Troubleshooting
15:30	Afternoon Break
16:00	Extruded Product Quality Assurance & How to Achieve It
16:45	Final Discussion, Close of Course