

Maximizing Plant Flow Production & Profitability

AggFlow Training Agenda

Day 1 - Agenda

08:00 Opening Remarks to Full Training Group

- ✓ Establishing Goals & Objectives
- ✓ AggFlow as a Benchmark – Putting Theory into practice.

08:30 AggFlow Design and Manage

- ✓ Using the control panel
- ✓ Project types, Projects and Revisions

09:15 Developing a Plant Layout

- ✓ Understanding the AggFlow Worksheet & Definitions; Setting User Preferences
- ✓ Basic Operations, Selecting Equipment, Connecting Flow Streams, Monitors
- ✓ Get Accurate Using Sample Buckets; AggFlow Tricks & Tips
- ✓ Sample Problems & Exercises

10:00 Break

10:15 In Depth

- ✓ Crushers; Database Assumptions; Interpolation of Gradations, Calculation Methods
- ✓ Screens; Database Assumptions, Calculation Methods, Screen Area Efficiencies
- ✓ Track-Mounted Equipment Capabilities
- ✓ Running the Plant; Red Flags, Maximizing Plant Flows, Applying Specifications
- ✓ Sample Problems & Exercises

12:00 Lunch

13:00 Advanced Features

- ✓ Apply Specifications, Determine Product Mix, Blending, End Product
- ✓ Dust Calculations, Conveyor Calculations
- ✓ Coloring and Making Notes on Worksheet
- ✓ Creating Reports, Graphs, PDF's and Printing
- ✓ Sample Problems & Exercises

14:30 Break

15:00 Challenges

- ✓ Team challenges and example projects.

16:30 Day 1 Wrap-Up and Q&A

Day 2 - Agenda

08:15 Day 1 Review

- ✓ Developing a Plant Layout, Crushers, Screens, Reports & Graphs, Advanced Features

08:30 Wash Equipment

- ✓ Log Washers, Sand Screws, Classifying Tanks, Cyclones, Custom Separators, Silt Thickener Tanks and Retention Ponds
- ✓ Adding Water to Product
- ✓ Using Water in an Accurate Plant
- ✓ Adding Water Sources
- ✓ Sample Problems & Exercises

10:00 Break

10:15 Water Mass Balance Calculations

- ✓ Using Water in a Plant, Pumps, Water Pipes, Adding Water Sources, Clean Water Pipes
- ✓ Spray Bars, Use of Water in Product, Clarifiers & Thickeners, Water Loss
- ✓ Sample Problems & Exercises

11:30 Final Steps to Improve & Increase Production

- ✓ Establishing Benchmarks
- ✓ Comparing Measured Values to Calculated values
- ✓ Sample Problems & Exercises

12:30 Lunch

13:30 Fine-Tuning Your Calculations & Plant Designs

- ✓ Benchmarking the Plant
- ✓ Total Plant Optimization Exercises

14:15 Break

14:30 Team Challenges

16:00 Day 2 Wrap-Up and Q&A

16:30 Departure