

Case Study #50: Butter Manufacturer



Highlights

- Quick, easy in-line analysis
- Lower butterfat set point
- Real-time results for moisture percentages
- Exceptional ROI

Butter Manufacturer Enhances System Control and Boosts Profits

Situation:

A butter manufacturing plant was pleased with its overall operation and happy with its current butterfat set point of 80.5%. This percentage normally guaranteed meeting the legal fat content for butter and required little or no rework to the product.

But until working with ESE's team of engineering consultants, the manufacturer had no idea that the technology existed to improve its plant efficiency even further.

Improvement:

ESE evaluated the company's day-to-day production controls and found that the addition of in-line butterfat monitoring with the Q5i in-line analyzer could lower the current fat set point.

By using ESE's analyzer to automatically control butterfat content, the plant would be able to reduce its butterfat production target from 80.5% to 80.25% and recover a product source that was virtually being given away. On top of that, the Q5i could also monitor the salt and moisture percentages in real time.

Result:

ESE's engineering consultants integrated the Q5i in-line analyzer into the manufacturer's production process along with control safeguards to protect the process from upset conditions. The transition was a success and the butterfat set point was reduced to 80.25% with outstanding results. The Q5i system paid for itself in less than five months!

So Fast. So Easy. So Reliable.

See why so many food manufacturers are turning to ESE's engineering consultants to meet their automation needs ... and how the Q5i in-line analyzer can impact your day-to-day operations and significantly improve your plant efficiency. Contact us today and learn how the revolutionary Q5i can work for you.

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*Optimizing the Process.
Maximizing Your Profits.*

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