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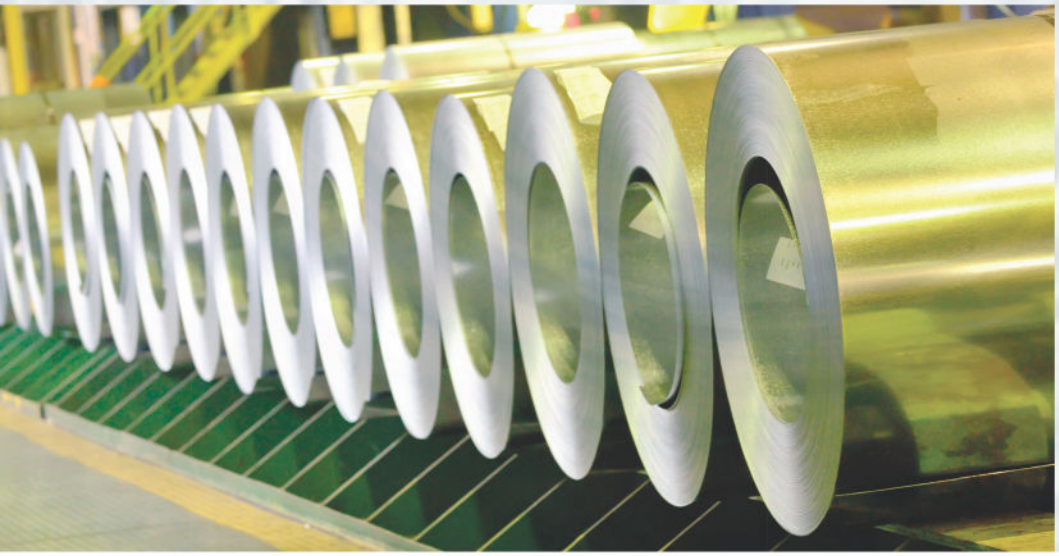
Process Temperature Control



Saint Clair Systems provides a free analysis to a potential customer. This analysis showed conclusively that the status quo was unacceptable and provided the company with comfort that a solution could help them achieve their margin improvement goals.

INDUSTRY CASE STUDY

COIL COATING

THE PROBLEM

A potential customer in the coil coating industry had processes in place that they felt were adequate and felt that temperature control could not help much.

Some of their key personnel had much invested in the way things were running.

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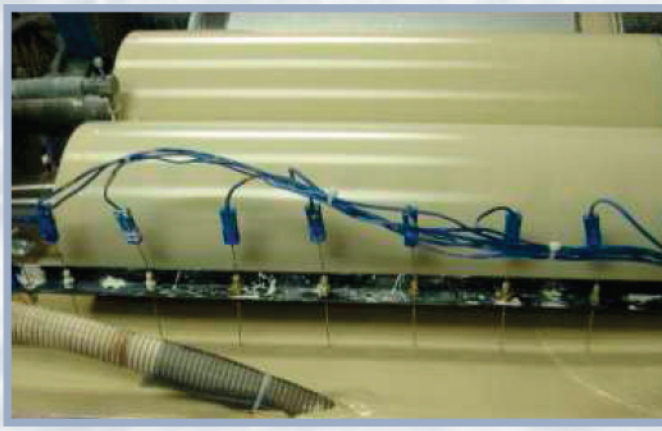
PROCESS TEMPERATURE CONTROL CASE STUDY

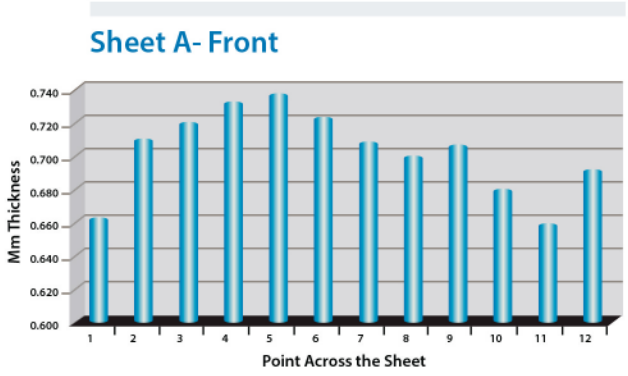
THE ANALYSIS

We proposed a free analysis that would give them an accurate representation of their current performance.

Using a combination of proprietary software and a series of temperature sensors, we were able to show them the variations they were experiencing.

Having performed several similar analyses, we were able to collect the information quickly and with no interruption to their production.





THE SOLUTION:

We directly correlated the differences in paint temperature to the variation in film build on the finished product.

We quantified the excess coating they were applying annually.

We proposed a solution that would save them over $500,000 annually in coating and solvent usage.

We showed them, graphically, the effects of temperature variation on their film thickness.

THE RESULTS

Using our data and experience, we showed them weaknesses in their existing process.

We converted them from comfortable with their process to anxious for improvements.

We generated a proposal that included equipment, training and a seven month return on investment.

Since 1990, Saint Clair Systems has supplied over 3,600 temperature control systems around the World. Our engineering team provides cost effective solutions to manufacturers that understand that quality and productivity are too important to leave to uncontrolled variables. If you are interested in controlling your process, please contact us or visit our website for additional information.

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