

Oil Mist Generator Panel Retrofit for the Refining Industry

On a recent project for a customer within the Refining industry in Baytown, the BSA team was able to preserve an aging oil mist generator through a panel retrofit that respected the customer's needs, expectations, and budgetary constraints.

Here's how the BSA team provided a stellar **solution** for the customer's **challenges**:

The Challenges

This Refining customer came to us with an Alemite AMOT oil mist generator that had been in operation for over 20 years.

History tells us that as these generators age, they create risky operating environments for lubricated equipment if not addressed in a timely manner.

Specific challenges that often result from aging generators—and that this customer was experiencing—include:

- Faulty nuisance alarms that condition personnel to ignore the issue at hand
- Little to no available support from the manufacturer
- Difficulty sourcing and fitting replacement components

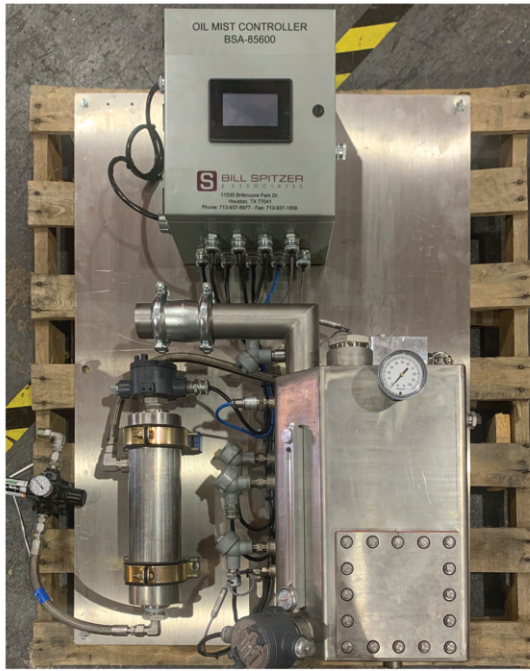
The Solution

Our answer to the challenge was to implement a proven design of a complete replacement panel and control system fitted into the existing Alemite AMOT oil mist generator.

The replacement panel and control system retrofit were completed **at a fraction of the cost of a brand-new oil mist generator.**

On top of that, the drop-in replacement oil mist panel comes pre-wired, fitted, and tested, minimizing much of the field installation effort required. **The total field installation time and commissioning of the system took place over just four hours!** A significant success since the customer was able to experience no downtime.

With these solutions in place, the BSA team was able to eliminate the headaches of nuisance alarm conditions and help the customer avoid the ongoing expenses of replacing individual components within the oil mist generator as it continued to age.



Key Outcomes

This project was a significant success for our customer. Because of the BSA team's expertise, we were able to provide various added benefits to the customer, including:

- A short four-hour timeline for field installation and commissioning of the system
- No disruption in supplying oil mist to lubricated equipment during replacement
- No temporary oil mist generators needed
- No piping work required between the generator and the oil mist supply header
- Minimal labor investment compared to a full generator replacement

Lessons Learned

We exist to take care of customers. To solve problems, to react and respond promptly, and to do the dirty work others might avoid. From system design all the way down to installation and field-level support, we support our customers every step of the way.

That's why looking back at our project performance is of utmost importance to us.

We're proud that our team took the time to develop a more cost-effective solution for this customer rather than jumping to what might be considered an easy-fix solution like completely replacing the aging oil mist generator.

Experiencing a Similar Challenge?

If you have issues or concerns about the reliability of your own oil mist generator, we have a solution for you.