A Partnership Built on Trust and Service

CECO Emtrol-Buell

We're honored to provide FCC Cyclone Systems to Phillips 66. The entire team at Emtrol-Buell thanks you for four decades of trust. We're looking forward to another four.

CECO Emtrol-Buell has been a trusted supplier of FCC cyclones to the Phillips 66 Bayway Refinery for over 40 years. The FCC at Bayway is one of the largest in the world and a key component of Bayway's operation. Having efficient and reliable cyclone systems is key to achieving state-of-the-art FCC performance.

To learn more about CECO Emtrol-Buell FCC Cyclone Systems,
Visit: http://cecoenviro.com/emtrol-buell-fcc-cyclones
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CECO ENVIRONMENTAL

A look at how service excellence plays a critical role in FCC performance

The fluid catalytic cracking (FCC) unit is often described as the heart of a refinery because much of the crude oil flows through the FCC where it is in contact with alumina silica catalyst, converting the high-molecular hydrocarbon crude oil into more valuable products such as gasoline and olefinic gases. The profitability of the refinery has a lot to do with the efficiency of the FCC Unit and maintaining continuous, reliable operation is a key.

Inside the Bayway FCC, Emtrol-Buell Cyclones are used to separate the alumina silica catalyst from the product before leaving the reactor and, in the regenerator, to separate the catalyst from the flue gas so that it can be cycled back to the reactor. As with most systems, a certain amount of maintenance service by people with deep knowledge of the technology is critical to keeping things running smoothly.

The Bayway FCC is one of the largest in the world and a key component of Bayway's operation. Continuous operation at peak performance, and avoiding an outage, is essential to achieving this level of efficiency. The team at Emtrol-Buell is located close to Bayway and helps ensure the cyclone systems are operating efficiently, which, in turn, helps Bayway achieve exceptional FCC performance.

EOG spoke with Anthony Schmitz, VP/GM for CECO Emtrol-Buell's FCC Cyclone business and who personally works with the senior engineers at the Bayway refinery. "I think service is one of the most important aspects of our partnership with Phillips 66—and all of our customers," said Schmitz. "We've been providing FCC Cyclones for many of their refineries for more than 40 years."

Schmitz explained the role service plays in FCC performance, "When Phillips calls us to troubleshoot an FCC challenge, they rely on us to climb up into the refinery, look around and spot the problem. We spend time at the refinery, so we know the inner workings and have the deep expertise to bring the right solutions to address the problem. It's that kind of service that helps Phillips 66 keep things operating at high performance. Emtrol-Buell has been designing and engineering FCC cyclones for more than 70 years, so it would be hard to find a company that knows FCC cyclone technology better than we do."

Phillips 66 photo at Left: A Lampson Transi-Lift LTL-2600B crane slowly lowers the 830-ton FCC into place at the Bayway refinery