

UAE Carbon Black and Coker Plant - Oil and Gas

CAPACITY: 4400 tons of propylene per day

A major oil and gas operator in UAE contracted CMC to deliver and certify 19 PEMS and 2 CEMS for compliance on their coker plant stacks. A SmartCEMS® PEMS will be started-up to record the operating and emission data in September of 2014 for all of the units. A data acquisition system was provided by Honeywell Xceed and was started-up to record the operating and emission data in the March of 2014. The DAS collects the process and gas flow data for the compliance monitoring system. The system utilizes the signal from the gas flow monitor and other boiler parameters and the results of test data to calculate emission rates.

The PEMS was started-up to record the operating and emission data prior to certification. The PEMS was certified to monitor SO₂, NO_x, O₂, CO, and CO₂ from the boiler and heater exhaust stacks. The unit oxidizes LNG sour gas to eliminate noxious emissions. The burners utilize fuel gas generated at the site for combustion.



*Not actual site. Source: Construction Weekly

DAS System: Honeywell - Cirrus

History of Project Development:

02/10/2013

Project Start Date.

12/20/2014

Setup and installed hardware.

03/01/2015

Site acceptance testing.

PRODUCTS:

