

**CARBON FIBRE MANUFACTURERS  
 REDUCE COST OF MANUFACTURING  
 BY 17%+  
 USING POLLUTION CONTROL SYSTEMS**

There are specific air pollution control systems used for the treatment of emissions from carbon fiber manufacturing that not only ensure compliance but can also reduce the cost of fiber processing. Attendees of the upcoming JEC will have the opportunity to learn what clean air techniques are working and how they relate to carbon fiber prices. Benefits of an Anguil Integrated System include:

**Air emission regulations for carbon fiber manufacturing are tightening worldwide.**

Anguil offers state of the art, field proven technologies that meet stringent environmental requirements for volatile organic compounds (VOCs), hydrogen cyanide (HCN), ammonia, silicone, nitrogen oxides (NOX), particulate matter, carbon monoxide, and odorous emissions.



**Reducing the manufactured cost of carbon fiber is our goal.**

Anguil systems reduce the total plant operating costs by **supplying 17% of the energy required for manufacturing**. Abatement devices also incorporate features that decrease maintenance and increase process up-time.



Anguil Environmental has developed the most advanced air pollution control technologies currently used for carbon fibre processes. The proprietary designs offer high destruction efficiency, low greenhouse gas output and energy recovery options for powering process systems.

**Process Emissions**

Oxidation Ovens & Carbonization  
 Furnaces; Hydrogen Cyanide (HCN), Ammonia (NH3),  
 Volatile Organic Compounds (VOCs), Tar, Silica

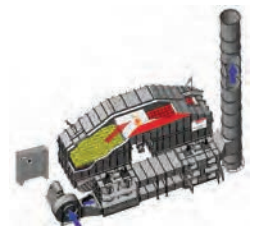
**Operation & Maintenance**

Designed to Maximize Up Time, Energy Efficiency and Heat Return to Process. Minimize Maintenance Time & Costs.

**Abatement Equipment**

Regenerative Thermal Oxidisers (RTOs), Multi Staged Direct Fired Thermal Oxidisers (MS-DFTO), Secondary Heat Recovery, Particulate Control

Anguil is intimately familiar with the capture, control and compliance hurdles that the processing plants face. Visit the Anguil stand to learn more about the various emission control strategies and technologies for carbon fibre processing and composites manufacturing.



REGENERATIVE THERMAL OXIDIZER (RTO)



DIRECT FIRED THERMAL OXIDIZER (DFTO)