



**SEE THINGS
DIFFERENTLY**

Innovations

Chemical / PetroChem



The Challenge:

A chemical production plant near Chocolate Bayou, Texas has nine chemical units producing seven different chemical products.

The site required shelter upgrades to meet current environmental regulations and safety concerns. **The existing system was experiencing back pressure fluctuations. They upgraded to a catalytic converter-style system, but did not achieve the desired results.**

The Solution:

A Parker Vent Master was installed to stabilize the back pressure fluctuation...

A Vent Master was placed between the chromatograph and the flare stack, where previously, emissions were sent to the shelter GC Return Header system.

Chemical compound emissions are regulated by TCEQ (Texas Commission of Environmental Quality) and the Vent Master installation helped in obtaining the required environmental permit by returning GC vents to the flare stack, stabilizing return pressure. The shelter's system was upgraded and reviewed for the EPA permit.

Connect with the experts at RG Group to discuss your latest challenge!

