

CASE STUDY

Vecenergy – A demanding, external, high hazard installation

Vecenergy is a division of the Vicellio Group, focused on the energy segment and its operations include fuel additization services and fuel offloading as well as biofuels feedstock research and biodiesel production technology. They have an international customer base in established and emerging markets, including the US, Caribbean and Europe.



During a revamp of the compressed air system at their terminal at Port Everglades FL, they were introduced to the Infinity piping system by local distributor Comp-Air Service Co. Due to the fact that this was to be a completely outdoor installation in a harsh South Florida coastal environment, Comp-Air were keen to promote the durability of the all-metal Infinity system combined with efficiency in air delivery as well as fast installation and modification capability.

Feeding a 50mm (2") header from a 15hp Quincy compressor, the system includes over 4000 feet of pipe in varying bore sizes which distributes air for use on pneumatic actuators. These actuators operate the pump system for materials such as jet fuel, gasoline and ethanol, which is received and stored at the Port Everglades terminal from all over the world. The total storage of Vecenergy's Port Everglade terminal totals 1.35 million barrels!



The installation also presented some unique challenges for Comp-Air, including piping around the storage tanks themselves. By having the 50mm tubing formed, they were able to curve the installation to hug the base of the storage tanks. This provided for an exceptionally clean and good looking install, as well as minimizing any potential pressure drop across the system.

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