



TEK Helical Piles Installs (30) Helical Piles to Support the DTE Cooler Silencer Enclosures in New Milford, PA

Spring, 2016



TEK Helical Piles
Lawrence, PA
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Project Name & Location:	CDP2 - New Milford, PA
Project Date:	Spring, 2016
Project Type:	Helical Pile Supports
Helical Pile Installation Contractor:	TEK Helical Piles - Lawrence, PA
Engineering Co. / Building Supply-Install	Noise Solutions, Inc. - Sharon, PA
Energy Company:	DTE - Detroit, MI
Helical Piles Specifications:	(30) 3" dia. .25" Wall Hollow Square Tube; 8",10" Helix Bearing Plates, 3000 ft. lbs. Torque; Galvanized
Soils & Embedment Depth:	Pad Consisted of Compacted Clay Fill; Installation Depths Ranged from 7 to 19 Feet
Project Timeline:	3 Days
Helical Pile Manufacturer:	Empire Piers - Winfield, MO

Project Description

DTE contracted Noise Solutions Inc. to provide acoustic silencers around their existing Compressor Coolers. Noise Solutions was already familiar with the benefits of helical piles, so they reached out to TEK to provide the silencer foundation piles for three silencer units - (10) piles each. The utilization of helical piles greatly reduced the overall schedule allowing Noise Solutions to begin erection of each silencer enclosure as soon as the piles were installed. The helical pile installations were straight forward with the only concern being the live operation of the compressors.

