



Pipeline

Foundation Solutions

Design | Fabricate | Install | Certify

Benefits of Helical Piles

- Inherently safer for field workers, helical pile installation uses less people, less equipment
- Lower cost alternative to traditional deep foundation techniques
- Rapid installation - typically under 10 minutes per pile
- Can sustain load immediately after installation
- Several options for corrosion protection
- Minimal installation noise or vibration
- Ideal foundation system for new pipeline construction projects and upgrades/retrofits

What We Do

- Conduct a comprehensive foundation assessment of suitability of helical piles
- Provide custom engineered helical pile foundation solutions that meets clients' design specifications and performance requirements
- QA/QC turnover package provided upon project completion with full material traceability, installation records and capacity certification



www.hpier.com

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Helical Pier Systems Ltd., 103 Portage Close, Sherwood Park, AB T8H 2R5



Helical Pile Applications

- Pump Stations
- Metering Skids
- Pigging Stations
- Lighting
- Telecom Equipment
- Shut-off Valves

HPS Services

- Helical pile and driven pile foundations
- Geotechnical investigation and analysis
- Top-Down, Bi-directional (O-Cell), PDA and Statnamic and Dynamic load testing
- Survey of pile locations, cut-off elevations and cap locations
- Pile Capacity / Project Compliance certification

Why Choose HPS

- **FIVE** helical pile manufacturing plants: Edmonton AB, Lamont AB, Fort St. John BC, Medicine Hat AB and Kingston ON
- Experienced crews of HPS surveyors, pile installers and welders can install foundations in any weather, in high water table and on uneven ground
- The largest and most flexible fleet of helical pile installation equipment



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