



# Oil & Gas

## Foundation Solutions

Design | Fabricate | Install | Certify

### Benefits of Helical Piles

- Lower cost alternative to traditional deep foundation techniques
- Rapid installation - typically 10 - 20 minutes per pile
- Can sustain load immediately after installation
- No excavation or curing time required
- Most versatile foundation system available
- Can be installed in most soil profiles, on uneven terrain, and in any weather condition
- Minimal installation noise or vibration
- Preferred foundation system for oil and gas projects: lowest cost, faster than traditional methods, most adaptable to varying soils

### 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



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



## HPS Services

- Design/Build helical pile foundations
- Pile manufacturing and installation
- Top-Down, Bi-directional (O-Cell), PDA and Statnamic load testing
- Compression, Uplift, Shear or Moment load testing
- Geotechnical Investigation: borehole drilling, logging and analysis
- Survey of pile locations, cut-off elevations and cap locations
- Cutting and Capping
- Pile Capacity / Project Compliance certification

## Why Choose HPS

- The most powerful drive heads, the most experienced management team and distributed management ownership assures project success
- 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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