



# ECHIDNA INTEGRITY LLC

## CAPABILITY STATEMENT



Echidna Integrity (e-kid'nə) was founded by Greg R. Perry, a service-disabled veteran, to provide expert cathodic protection and related corrosion control services. Mr. Perry has over 30 years of experience on a wide variety of structures at locations all around the world. In addition to decades of field testing, design and commissioning, Mr. Perry has extensive experience in investigations, condition assessments and troubleshooting. Often operating remotely, Mr. Perry has a proven record of project management, team and subcontractor coordination, and a personal commitment to mentoring junior personnel. The experience and capabilities included herein are his as the founder and Principal of Echidna Integrity.

## Services

### DESIGN

- Basis of design assessment
- Cathodic protection for new or existing structures
- Replacement or supplemental cathodic protection
- Review and approval of surveys by field technicians
- Design review

### FIELD SERVICES

- Pre-design investigations
- Cathodic protection periodic surveys
- Cathodic protection commissioning
- Structure assessments
- Indirect Inspection: Close Interval Survey, DCVG
- Direct inspection: Selecting and managing
- Stray current investigation and mitigation
- Troubleshooting and failure investigation

### CONSTRUCTION MANAGEMENT

- Locating and hiring local, qualified subcontractors
- Quality materials procurement and delivery
- Expert supervision and installation
- Onsite adjustments to unexpected conditions

### REPORTS

- Detailed, timely and comprehensive reports
- GPS data delivered in GIS format
- Site-specific Operations & Maintenance manuals

### TRAINING

- Classroom or field training for end users
- Presentations for management
- Field training for construction personnel
- Mentoring

### INTEGRITY MANAGEMENT

- External Corrosion Direct Assessment methodologies
  - Pre-assessment and planning inspections
  - Indirect inspection management
  - Direct examination excavations
  - Data analysis and post-assessment

## Experience

### Oil & Gas

Vast experience with upstream, transmission and distribution piping and fuel storage systems - and with regulatory requirements. Integration of cathodic protection with AC mitigation.

- Enbridge: Algonquin Incremental Market project
- Kinder Morgan: TGP Station 245 expansion
- Energy Transfer: Wellsboro Pipeline
- API Task Group 1185 Pipeline Public Engagement

### Military

Fifteen years of testing and repairing cathodic protection on DoD fuel handling facilities around the world. Familiar with the unique requirements of military contracting.

- DLA Energy Centrally Managed CP Program
- DLA Energy Centrally Managed Integrity Management Plan

### UST/AST

USTs and ASTs of all sizes and materials of construction, and associated piping.

- Certified UST Corrosion Specialist #511537 in New Jersey
- Board Member, PA UST Indemnification Fund

### Electric

Power generation facilities including gas, coal, hydroelectric and nuclear. Transmission and substations including up to 345KV pipe-type cable and grounding.

- PSEG Long Island
- Gemma Power: Moxie Freedom Generating Station, Towantic Energy Center
- NV Energy: CP Evaluation, 8 Generating Stations
- Exelon: Three Mile Island, Ginna Nuclear Stations

### Water

Formerly with the City of San Diego Water Department - Steel, ductile iron, CML&C and other pipe in transmission, distribution, tanks, standpipes and treatment plants.

- Otay II Pipeline Corrosion Study
- Pump Station 77 Sewer Force Main Corrosion Study

### Marine

Pier pilings, sheet pile, quay walls and shipyard utilities. Impressed current and galvanic shipboard systems.

- Guam Ship Yard: Multiple ship refits
- Pearl Harbor Naval Shipyard: CP Utility Distribution Lines

A Pennsylvania Limited Liability Company  
 NACE International Certified Cathodic Protection Specialist #4419  
 VA VIP-Listed Service-Disabled Veteran-Owned Small Business  
 SAM Unique Entity ID: T1JMJSZM9F7  
 DUNS: 117411775  
 CAGE: 8HC83  
 Pennsylvania DGS Small Business, Small Diverse Business, Veteran Business Enterprise



**ECHIDNA INTEGRITY**

## Worldwide Corrosion Control Experience



### NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)

541330 Engineering Services - PRIMARY  
 237120 Oil and Gas Pipeline and Related Structures Construction  
 238190 Other Foundation, Structure, and Building Exterior Contractors  
 238220 Plumbing, Heating and Air Conditioning Contractors  
 335999 All Other Miscellaneous Electrical Equipment and Component Manufacturing  
 541690 Other Scientific and Technical Consulting Services  
 541990 All Other Professional, Scientific, and Technical Services

### PRODUCT & SERVICE CODES

C1NA Architect and Engineering- Construction: Fuel Supply Facilities  
 C213 Architect and Engineering- General: Inspection (Non-Construction)  
 C219 Architect and Engineering- General: Other  
 J045 Maint/Repair/Rebuild of Equipment - Plumbing, Heating and Waste Disposal Equipment  
 J047 Maint/Repair/Rebuild of Equipment - Pipe, Tubing, Hose, and Fittings  
 S111 Utilities - Gas  
 S114 Utilities - Water  
 Z1BZ Maintenance of Other Airfield Structures  
 Z1NA Maintenance of Fuel Supply Facilities  
 Z1NZ Maintenance of Other Utilities  
 Z2DA Repair or Alteration of Hospitals and Infirmaries  
 Z2DZ Repair or Alteration of Other Hospital Buildings  
 Z2NA Repair or Alteration of Fuel Supply Facilities  
 Z2NV Repair or Alteration of Other Utilities

## Contact

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