

Manhole Inspection Program



OVERVIEW

Underground electric distribution systems operate in harsh conditions and deteriorate with age, leading to energy loss, unreliable service, and financial impact. As deterioration worsens, contact voltage risks can energize nearby structures, creating serious public safety hazards, including electrocution.

Degrading cable insulation can also act as fuel, increasing the risk of fires and manhole explosions.

FULL LIFE CYCLE ASSESSMENT

The full lifecycle assessment includes: GIS Mapping Data Upload, Work Order Prioritization, Create Inspection Checklist, Field Input, Red/Green Status, Pictures, Closeout Work Order

ABOVE GROUND ENTRY

- Documented forms filled out for each manhole
- Pictures uploaded into Fulcrum or clients portal
- Visual inspection
- Inventory Internal Equipment
- Collect Relevant data
- Infrared (IR) - As-Needed
- Identify safety & reliability concerns
- Digital Imagery captured

PROGRAM BENEFITS

- » Fully Automated Tracking & Data Insights
- » Increased Reliability & Safety
- » Manhole as built verifications
- » Above Ground Entry
- » Constructability reviews
- » Critical Customer Feed Reliability
- » Standardized Reporting

Protect critical infrastructure through proactive manhole inspection. Prevent outages, reduce risk and build reliability confidence with these important customers.

Deploy proven risk mitigation strategies through standardized inspection schedules.

- **Safety Related:** preparation through inspection for crews.
- **Standards:** work with standards teams to identify materials/needs
- **IR Scans & 3D Modeling**

LET'S BUILD WITH PURPOSE TOGETHER



integritypsc.com



hello@integritypsc.com