



# NON-CONTACT MAGNETO METRIC PIPELINE INSPECTION

## ABOUT US

Potentia engineering with over 25 year of experience can help the inspection of your buried pipelines with its specialized and advanced Non-Contact magneto metric technology ensuring minimum cost along side maximum efficiency

## COMPLEX INSPECTION OF PIPELINES – INNOVATING FOR TOMORROW

The Non-Contact magneto metric inspection of buried and subsea pipelines works

- ✓ With no impact on the pipelines' Operation
- ✓ With conducting inspection from a surface covering the object (soil, sand, water, etc.)
- ✓ With Recording and monitoring real time data
- ✓ Using Battery power supply i.e. no wires
- ✓ Up to 20 km per day - High survey performance
- ✓ In multiple reduction of required excavations, maximum 1-5 reconnaissance pits throughout the total surveyed section
- ✓ Using Digital map with the GPS coordinates of the detected anomalies (auto-tracking)



### LOCAL DAMAGES

- Loss of metal
- Discontinuities in metal
- Unauthorized inserts
- Repairs locations



### STRESS-DEFORMED STATE

- Sagging
- Geometry violations
- Deflections
- Deviations from the axis



### MIX-TYPE NATURE FLAWS

- Corrosion-fatigue stresses
- Crack-like defects
- Dent



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