

Intelligent cathodic protection system

The intelligent cathodic protection system is a remote wireless monitoring system based on the Internet of things and oriented to the field of cathodic protection, mainly realizes the wireless control and measurement of potentiostat and potential along the pipeline. Through electronic map and special cathodic protection management platform software, various data of pipeline cathodic protection can be observed any time. With the auxiliary analysis tool software provided by the system, the status and fault of cathodic protection can be evaluated and analyzed.

Technical Feature

- Intelligent Management Platform
 - Collect the data of the whole line accurately, completely and timely
 - Long-range control of potentiostat parameters
 - Centralized management of cathodic protection
 - Data collection and auxiliary analysis
- Intelligent Test Pile
 - Intelligent test pile (TA-G1), intelligent cathodic protection
 - intelligent test pile (TA-G2), corrosion rate monitoring
 - intelligent test pile (TA-G3), intelligent ball following
- Area (Station) Intelligent Cathodic Protection Technology



Service Scope

- Suitable for all kinds of oil and gas pipelines in service
- Suitable for oil and gas gathering and transportation station, storage and transportation station, booster station, cathode protection station and other stations

Qualification

- China's Anti-corrosion Construction (Grade I) Qualification and Safety Qualification
- Waterproof, Anti-corrosion and Thermal Insulation Engineering Professional Contracting (Grade II) Qualification
- Petrochemical Engineering Construction General Contracting (Grade III) Qualification

Service Performance

- Service market covers: Tarim Oilfield, Southwest oil and gas field, Western pipeline, West-east gas pipeline, southwest pipeline, etc.
- 18 years of industry service experience, accumulated service pipeline more than 20,000 kilometers