



BATTERY HEALTH MONITORING SYSTEM

NI-CD 1.2V

REFINERY & PETROCHEMICALS

1. Overview

A prominent organization operating in the refinery and petrochemical industry, serving key sectors under the Ministry of Petroleum & Natural Gas. With complex processing units and the ability to refine a wide range of crude oils, the organization is known for producing a diverse mix of high-quality outputs.

2. How Sosailey Made a Difference

Sosailey Technologies addressed critical battery safety and performance concerns by implementing its advanced Battery Health Monitoring System. The system enabled real-time data collection, predictive insights, and automated alerts—transforming how battery health is managed and ensuring uninterrupted operations in demanding environments.

Key Highlights:

- Real-time monitoring of battery voltage, current, and temperature with intelligent sensors.
- Centralized platform with automated alerts for threshold breaches.
- Predictive analytics to identify potential issues and prevent failures.
- Reduced unplanned downtime by 20% through proactive maintenance.
- Extended battery life and reduced maintenance costs.
- Enabled data-driven decision-making with actionable insights.