



EnTrans
CONSULTING

Environmental & Transportation Solutions

PDM

Services: We provide Condition Monitoring technologies and Predictive Maintenance (PDM) services aimed at minimizing machinery downtime and enhancing reliable and continuous operations. Our services support organizations in transitioning from reactive and planned maintenance strategies to predictive and proactive maintenance approaches, improving equipment reliability and operational efficiency.

Area of Experience

- Machinery vibration measurement and fault diagnosis
- Precision shaft and sheave alignment
- Dynamic balancing of rotating machinery
- Infrared thermography
- Power quality and energy analysis
- Belt tension measurement and adjustment
- Noise and vibration assessment
- Training and capacity building

Sample Projects

- Vibration measurement, shaft alignment, and thermal imaging for installation of generator 3616, Egyptian Company for South Abu Zenima Petroleum Company (Petro Zenima), South Sinai, Egypt.
- Vibration measurements, analysis, and shaft alignment for Dohler Company for Juice Production, 6th of October City, Egypt.
- Vibration measurements, analysis, and shaft alignment, Agri Master for Paper Processing, 6th October Industrial Zone, Egypt
- Precision shaft alignment, straightness alignment, thermal imaging, power quality analysis, and vibration measurements for recycling and treatment systems at ECWM facilities in 15th of May, El-Salam, and 10th of Ramadan, Cairo, Egypt.

