



Corporate Profile

Xair
Energy

TRANSFORMING ASSETS,
ELEVATING PERFORMANCE

www.xairenergy.com

The Company

Established in 2018, **Xair Energy** is committed to delivering reliable, safe, and secure power solutions. We achieve this through our extensive diagnostics and engineering expertise in the energy and oil & gas industries. Located in Sarawak (Bintulu), Xair Energy is a wholly-owned Bumiputera Sarawakian company, registered as a contractor with the Unit Pendaftaran Kontraktor & Juruperunding (UPKJ). We specialize in asset management solutions for electrical and mechanical plant equipment.

Currently, Xair Energy holds registrations with Suruhanjaya Tenaga / EIU as an Electrical Services Contractor (up to 33kV), CIDB, the Ministry of Finance (MOF), and PETRONAS, and is certified under ISO 9001:2015.

 AJA EQS CERTIFICATION	 ACCREDITED
ISO 9001: 2015	No. Akreditasi: ACB QMS 08
Cert. No: AJAMY24/2002	



Xair Energy Sdn Bhd
(1293673-W)

HQ OFFICE:

Lot 16216, Block 32,
Kemena Land District,
Eastern Gateway Industrial Park,
Jalan Tun Hussein Onn,
97000 Bintulu, Sarawak

PAID UP CAPITAL:

RM 1, 000, 000.00

EQUITY OWNERSHIP:

100% Bumiputra
(Sarawak)

BRANCH OFFICE:

KUALA LUMPUR

E-2-10, Jalan Sri Hartamas 1,
Plaza Damas, Sri Hartamas,
50480 Kuala Lumpur

Mission & Vision



Engineering Excellence, Unmatched Expertise.

Mission

Aim to be a preferred company in M&E engineering asset management for energy sector.

Vision

Strive to become a technological-driven M&E engineering asset management company globally



Our Milestones



Client: PETRONAS Chemicals Polyethylene Sdn. Bhd.
Year: 2023
Duration: 3 Years

Term Contract for Partial Discharge Test & Motor Current Signature Analysis for Electrical Cables, Electrical Equipment and Motors.



Client: PETRONAS Chemicals Ethylene Sdn. Bhd.
Year: 2023
Duration: 3 Years

Term Contract for Partial Discharge Test & Motor Current Signature Analysis for Electrical Cables, Electrical Equipment and Motors.



Client: Malaysian Refining Company Sdn. Bhd.
Year: 2023
Duration: One-off

Supply and Supervision of Partial Discharge Monitoring Equipment Installation for Switchgear Condition Based



Client: PETRONAS Chemicals Methanol Sdn Bhd
Year: 2022
Duration: One-off

Provision of Offline Condition Based Monitoring (CBM) Testing for Generator and HV Motor

Our Milestones



MALAYSIA LNG SDN.BHD.

Client: Malaysia LNG Sdn. Bhd.
Year: 2021
Duration: 4 Years

Provision of Maintenance and Services for Electrical Switchgear and Transformer



PETRONAS

Client: PETRONAS Carigali Sdn. Bhd. (Sarawak Gas)
Year: 2021
Duration: 4 Years

Provision of Maintenance and Services for Electrical Switchgear and Transformer



PETRONAS

Client: PETRONAS Carigali Sdn. Bhd. (Sarawak Gas)
Year: 2021
Duration: 4 Years

Provision of Maintenance and Services for Electrical Switchgear and Transformer



PETRONAS

Client: PETRONAS Carigali Sdn. Bhd. (SSGP)
Year: 2021
Duration: 4 Years

Provision of Maintenance and Services for Electrical Switchgear and Transformer

Our Services

We offer a comprehensive asset management solution that combines diagnostic products, condition monitoring systems, extensive consulting, testing, and support services, along with a unique knowledge community for education and peer collaboration.

- Advanced Diagnostics for Electrical & Mechanical Equipment
- Laboratory Analysis
- Forensic Engineering
- Engineering, Procurement, Installation & Construction
- Repair Services
- Asset Management Solution
- Protection Relay Calibration
- Technical Training

“Our expertise helps you to gain valuable tools and knowledge to increase system reliability and performance”



Advanced Diagnostics for Electrical & Mechanical Equipment

At **Xair Energy**, we provide advanced diagnostic services specifically designed to meet the unique requirements of your operations. Our solutions encompass:

Installation of Advanced Monitoring Systems:

We install cutting-edge sensors and monitoring devices throughout your electrical and mechanical infrastructure to ensure precise and real-time data collection.

Continuous Data Collection and Analysis: Our systems constantly collect and analyze data to identify anomalies and predict potential failures, enabling proactive maintenance and minimizing downtime.

Customized Maintenance Plans:

Leveraging insights from our monitoring systems, we create and implement maintenance plans that ensure your equipment functions at peak efficiency, thereby enhancing its longevity and performance.

Expert Technical Support:

Our team of skilled engineers offers ongoing support and guidance to help you optimize your maintenance strategies and improve system reliability. Leverage the power of advanced diagnostics to elevate your maintenance practices. With our expertise, you can achieve greater operational efficiency, cost savings, and peace of mind. Visit www.xairenergy.com for further information.



Electrical Condition Based Monitoring

Electrical Condition-Based Monitoring (CBM) is an advanced maintenance strategy that uses real-time data collection and analysis to monitor the health and performance of electrical equipment. By continuously assessing the condition of assets, CBM allows for proactive maintenance and early detection of potential issues before they lead to failures or costly downtime.

Power Transformer:

- Insulation Resistance/ PI
- Winding Resistance
- Turns Ratio Test
- Tan Delta Test
- Offline Partial Discharge
- Online Partial Discharge
- Partial Discharge Localisation
- Sweep Frequency Response Analysis
- LTC Continuity
- Excitation Current Test
- Heat Run Test
- Dielectric Frequency Response/ Frequency Domain Spectroscopy
- Infrared Thermography
- Oil Sample Analysis – 9 gases

Cable:

- Insulation Resistance/ PI
- Online Partial Discharge

Motor:

- Insulation Resistance/ PI
- Winding Resistance
- Tan Delta Test
- Offline Partial Discharge
- Electrical Signature Analysis
- Vibration spectrum
- Infrared Thermography

Switchgear

- Insulation Resistance/ PI
- Online Partial Discharge
- Infrared Thermography

Instrument Transformers:

- Insulation Resistance
- Winding Resistance
- Polarity
- Excitation current
- Turns Ratio and Phase Angle Deviation

Generator:

- Insulation Resistance/ PI
- Winding Resistance
- Tan Delta Test
- Offline Partial Discharge
- Online Partial Discharge
- Sweep Frequency Response Analysis
- Recurrent Surge Oscillograph
- Rotor Influence Check
- Electromagnetic Core
- Imperfection Detection (ELCID)



Mechanical Condition Based Monitoring

Mechanical Condition-Based Monitoring (CBM) is an advanced maintenance approach that focuses on real-time data collection and analysis to monitor the health and performance of mechanical equipment.

This proactive strategy ensures that maintenance activities are performed based on the actual condition of the equipment rather than on a fixed schedule, leading to optimized performance and cost savings.

List of Services:

Generator

Vibration Analysis (inclusive structure (skid) integrity)

- Acoustic Analysis
- Laser Alignment
- In-Situ Dynamic Balancing
- Motion Amplification

Motor

Vibration Analysis (inclusive structure (skid) integrity)

- Acoustic Analysis
- Laser Alignment
- In-Situ Dynamic Balancing
- Motion Amplification



Laboratory Analysis

At **Xair Energy**, our laboratory analysis for oil transformers ensures the reliability and longevity of your transformer equipment. This essential process involves a series of tests on the transformer oil to monitor its condition and detect potential issues.

Oil Sampling:

Collection and Handling

Oil samples are collected and handled in a controlled manner to prevent contamination

Dissolved Gas Analysis (DGA):

Gas Chromatography

Identifies and measures gases dissolved in the oil, indicating electrical and thermal faults.

Moisture and Acidity Measurement:

Karl Fischer Titration

Measures the water content in the oil, which can affect insulation and dielectric strength.

Furan Analysis:

High-Performance Liquid Chromatography (HPLC)

Detects furanic compounds indicating paper insulation degradation.

Acidity Test:

Neutralization Number

Determines the oil's acidity level, which affects aging and insulation.

Dielectric Breakdown Voltage Test:

Voltage Withstand Test

Measures the oil's dielectric strength, essential for insulation.



Laboratory Analysis

Interfacial Tension (IFT) Test:

Surface Tension Measurement

Evaluates the oil's contamination and aging.

Color and Visual Inspection:

Colorimetric Analysis

Assesses the oil's color for signs of contamination or degradation.

Sediment and Sludge Analysis:

Centrifugation

Measures sediment and sludge levels that can affect oil flow and cooling.

PCB Analysis:

Gas Chromatography

Detects harmful polychlorinated biphenyls (PCBs) in the oil.

Metal Particle Analysis:

Spectroscopy

Identifies metal particles indicating internal wear and tear.

Benefits of Our Analysis:

Early Fault Detection

Identifies issues before they lead to failures.

Improved Reliability

Ensures safe and efficient transformer operation.

Extended Equipment Lifespan

Maintains optimal transformer condition.

Cost Savings

Reduces the risk of unexpected breakdowns and repairs.

Regulatory Compliance

Meets industry standards and regulations.

Regular laboratory analysis of transformer oil is vital for maintaining the health and performance of your transformer equipment.

In partner with:



H₂b



Forensic Engineering

At **Xair Energy**, we offer forensic engineering services, a crucial investigative process that evaluates failed or malfunctioning electrical equipment to determine the root cause of the failure. Our specialized team provides the following services:

Site Assessment:

Data and Sample Collection:

Gathering relevant data and physical samples.

Technical Photography:

Documenting the site and evidence through detailed photography.

Identification and Preservation of Physical Evidence:

Ensuring all physical evidence is properly identified and preserved.

Background Data Analysis:

Analyzing historical and contextual data.

Teardown Examination and Sampling:

Disassembling equipment and collecting samples for further testing.

Root Cause Analysis:

Microscopic Examination:

Conducting detailed microscopic inspections.

Fractographic Analysis:

Using scanning electron microscopy to determine fracture modes.

Metallurgical Analysis:

Ensuring materials conform to specifications through metallurgical testing.

Simulation or Experimental Study:

Conducting simulations or experimental studies to replicate failure conditions.

Advanced Diagnostic Tests:

Electrical Tests:

Performing electrical tests to diagnose and deduce failure modes.



Engineering, Procurement Construction & Commissioning

At **Xair Energy**, we provide comprehensive Engineering, Procurement, Construction, and Commissioning (EPCC) services for electrical equipment. Our integrated approach ensures that your electrical projects are completed efficiently, on time, and within budget. Here's a detailed overview of our EPCC services:

Engineering:

Design and Planning:

Our team of skilled engineers develops detailed designs and plans tailored to your specific requirements. We ensure that all designs meet industry standards and regulatory guidelines.

Technical Analysis:

Conducting thorough technical analyses to optimize system performance and reliability.

Feasibility Studies:

Evaluating the technical and economic feasibility of projects to ensure successful outcomes.

Procurement:

Sourcing:

Identifying and procuring high-quality materials and equipment from trusted suppliers.

Vendor Management:

Managing relationships with vendors to ensure timely delivery and compliance with specifications.

Cost Control:

Implementing strategies to control costs and manage procurement budgets effectively.

Construction

Project Management:

Overseeing all aspects of the construction process, including scheduling, resource allocation, and quality control.

Installation:

Expert installation of electrical equipment, ensuring adherence to design specifications and safety standards.

Supervision:

Providing on-site supervision to ensure that construction activities are carried out correctly and efficiently.

Commissioning

System Testing:

Conducting comprehensive testing of electrical systems to verify performance and functionality.

Start-Up:

Coordinating the start-up of systems to ensure seamless integration and operation.

Training:

Providing training for your team to ensure proper operation and maintenance of the installed equipment.

With Xair Energy's EPCC services, you can trust that your electrical projects will be executed with precision and expertise, resulting in reliable and efficient electrical systems.

Repair Services

At **Xair Energy**, we offer expert repair services for a wide range of electrical equipment, ensuring your systems are quickly restored to optimal performance. Our skilled technicians and engineers are equipped with the knowledge and tools to handle repairs efficiently, minimizing downtime and maintaining the reliability of your operations.

Comprehensive Repair Solutions:

Wide Range of Equipment:

We service various types of electrical equipment, including motors, generators, transformers, switchgears, and more.

Detailed Diagnostics:

Utilizing advanced diagnostic tools to accurately identify issues and determine the best repair solutions.

Skilled Technicians:

Expertise:

Our technicians are highly trained and experienced in repairing electrical equipment from multiple manufacturers and industries.

Ongoing Training:

Continuous professional development ensures our team stays up-to-date with the latest repair techniques and industry standards.

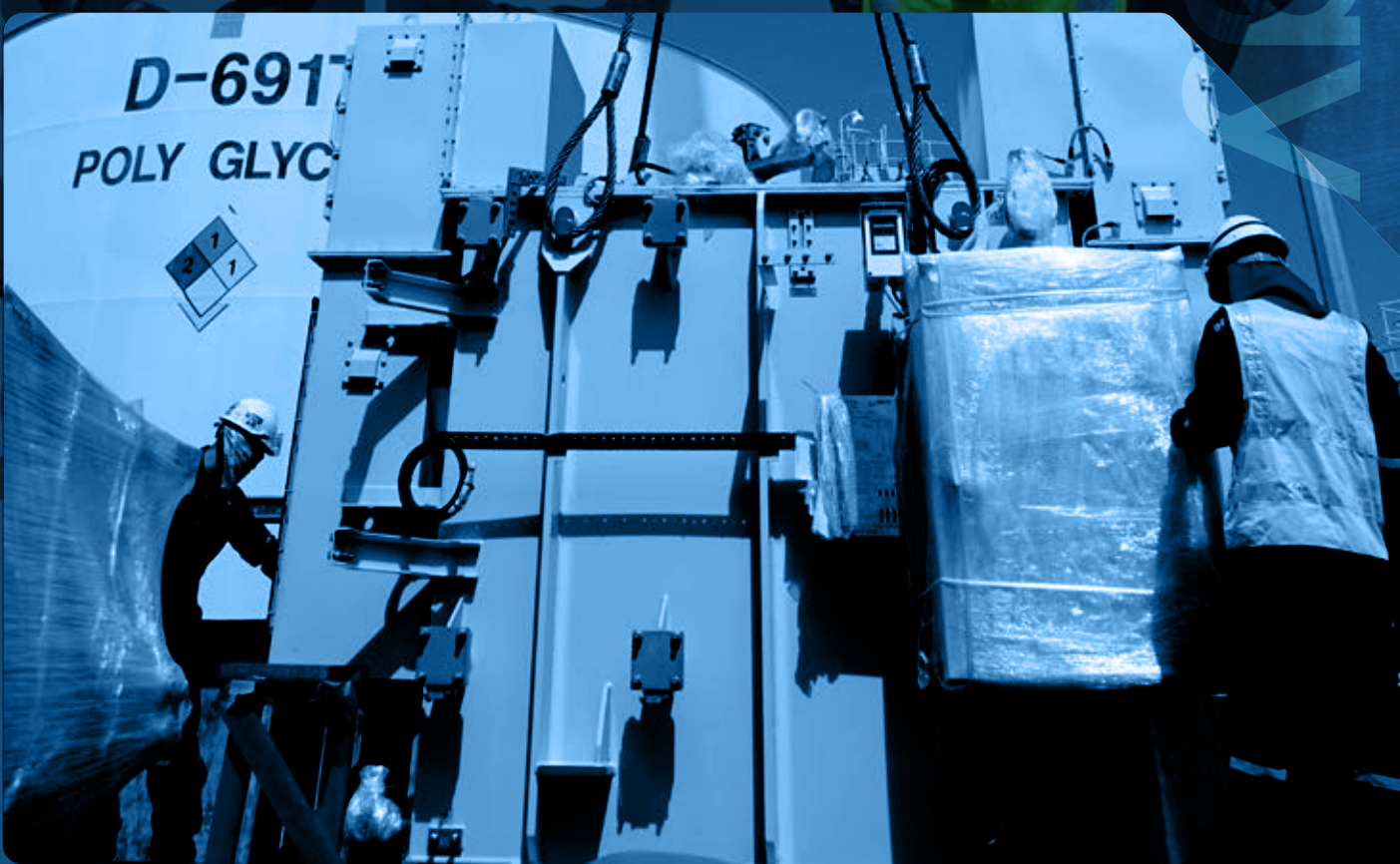
Rapid Response and Support:

24/7 Emergency Services:

Providing round-the-clock repair services to address urgent issues and minimize downtime.

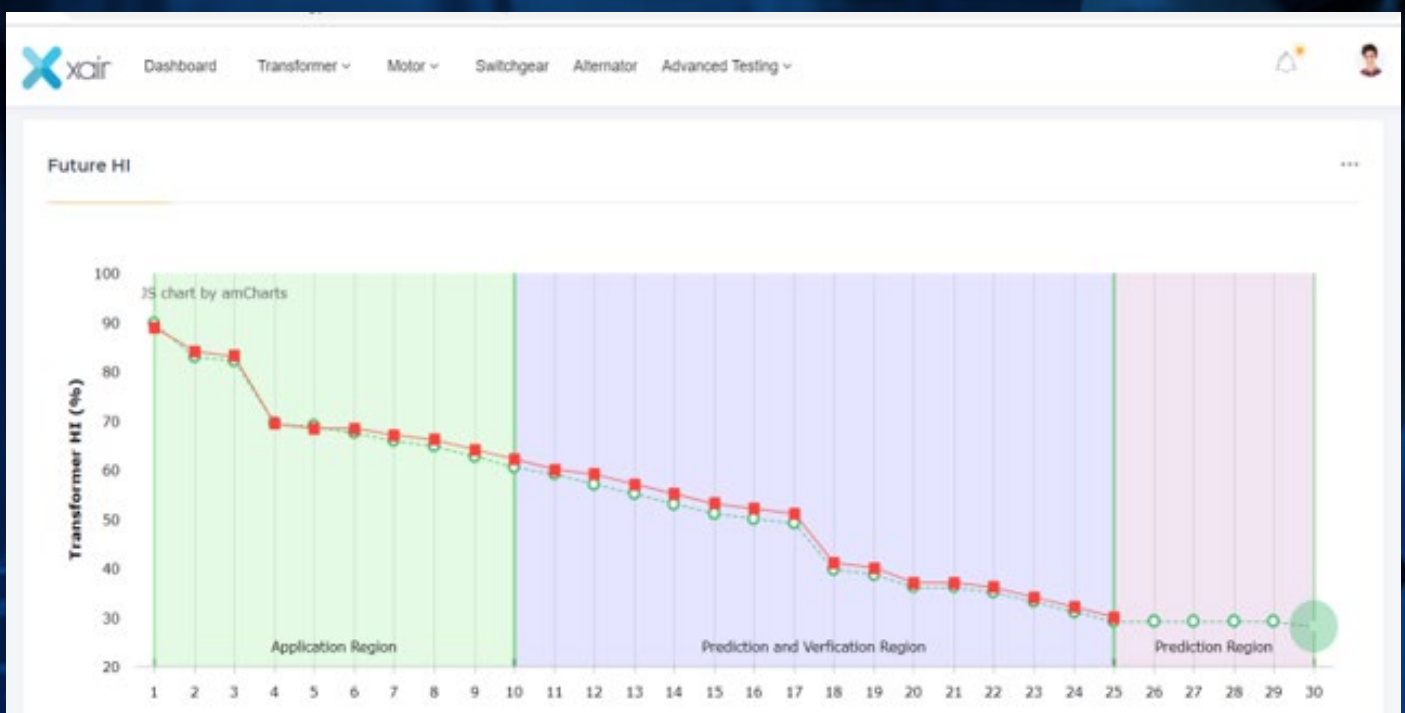
On-Site Repairs:

Our team can perform repairs at your location, reducing the need for equipment transport and speeding up the repair process.



Asset Management Solution

✕ AMST™ is an online predictive analytics software that brings all the information to customers' needs in one simple and easy-to-navigate software. A powerful tool embedded with expert algorithms and cloud database to monitor the performance of electrical assets. This software optimizes the historical condition data for each asset i.e. transformers, motors, switchgears, alternators, hence capable of determining the current health status of each equipment using single quantitative Health Index (HI), future HI, and capital planning for each individual asset.



Health Index

A comprehensive assessment of equipment condition using health index algorithm and optimizing the application based on the current operating condition. This benefits asset managers to carry out management strategies such as maintenance and replacement. The health index helps optimize maintenance costs through an optimal decision approach.

Future Health Index Based on Statistical Model

Historical condition monitoring data and health index will be utilized to predict the

future states of electrical equipment. Assist asset manager in planning future management strategies such as maintenance and replacement.

Probability of Failure and Life Cycle Cost Assessment

Historical condition monitoring data and health index will be utilized to identify the risk and probability of failure. Hence, it assists asset managers in planning for future management strategies such as maintenance and replacement. The impact of the management strategy can also be analyzed, and the investment cost can be optimized.

Asset Management Solution

Hot-spot and Remaining Useful Life Analysis

Identification of hot-spot based on thermal modelling, hence computing the remaining useful life based on calculated hot-spot temperature. Helps to determine the optimum configuration of loading for the population. Reduction of cost through optimal decision approach.

Online Portal

It is a web-based solution and supports multi-point access for different users.

Customized Solution

Design interface customizable to customer requirements and expectations. It also offers dynamic and interactive dashboard-style reporting

Embedded Algorithm

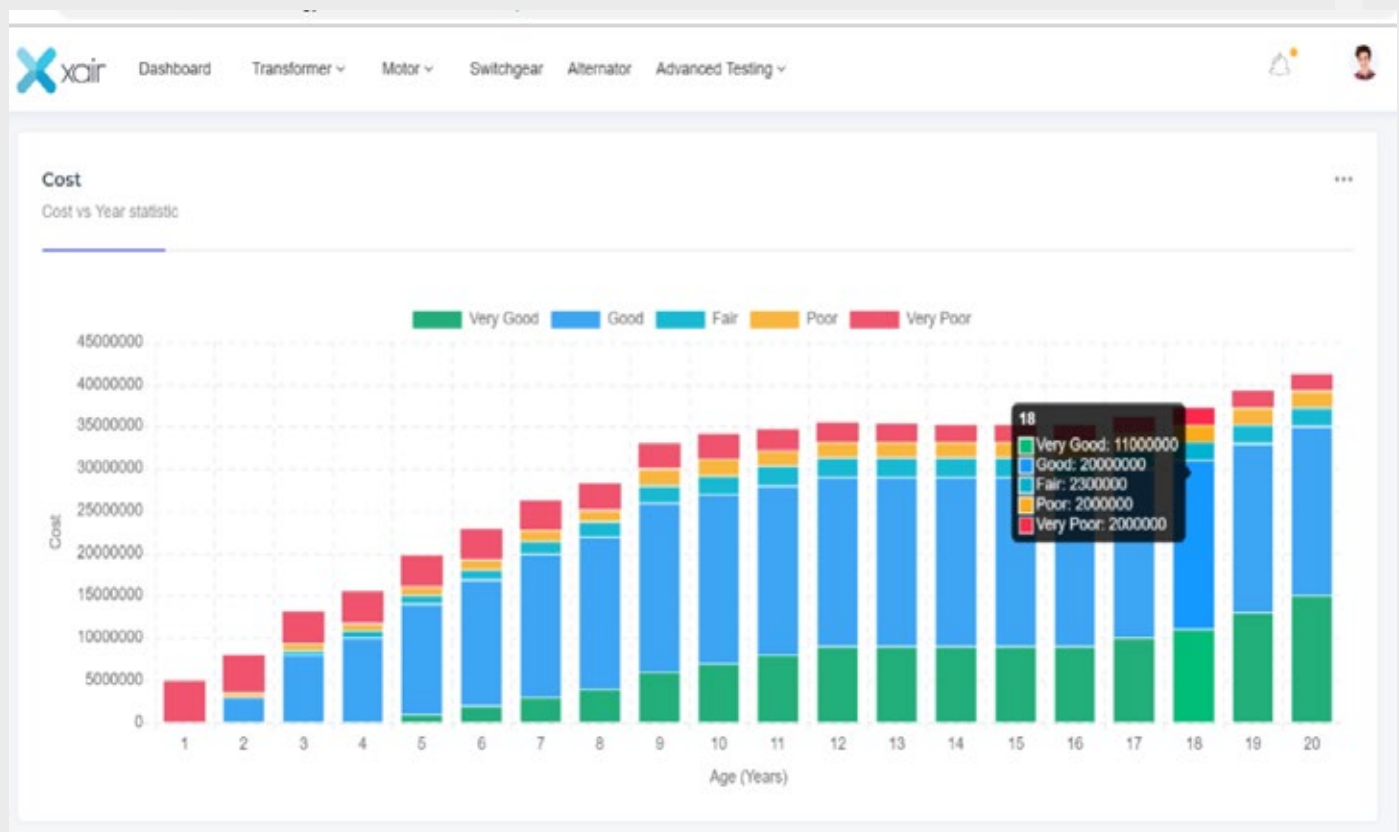
The system is embedded with an expert Remaining Useful Life algorithm. Continuous algorithm recalibration by expert.

Cloud Database System

One-stop data repository to store condition data, maintenance, and repair records. Review on a scheduled basis.

Customer Support

Full support from system admin. The solution describes all administrative steps and ease of use around user management..



Protection Relay Calibration

At **Xair Energy**, we offer specialized Protection Relay Calibration services to ensure the accurate and reliable operation of your electrical protection systems. Proper calibration of protection relays is crucial for maintaining system integrity, preventing equipment damage, and ensuring safety.

Comprehensive Testing and Calibration:

Accuracy Verification:

Testing and verifying the accuracy of protection relays to ensure they perform within specified tolerances.

Functional Testing:

Conducting functional tests to confirm that relays operate correctly under various conditions and fault scenarios.

Settings Adjustment:

Functional Testing:

Conducting functional tests to confirm that relays operate correctly under various conditions and fault scenarios.

Parameter Configuration:

Adjusting relay settings to match the specific protection requirements of your electrical system.

Coordination Studies:

Performing coordination studies to ensure that all protection devices work harmoniously, minimizing disruption and ensuring selectivity during faults.

Advanced Diagnostic Tools:

State-of-the-Art Equipment:

Utilizing advanced diagnostic tools and equipment for precise calibration and testing.

Data Analysis:

Analyzing test results to identify and rectify any anomalies or deviations from expected performance.

Documentation and Reporting:

Detailed Reports:

Providing comprehensive reports detailing the calibration process, test results, and any adjustments made.

Compliance Documentation:

Ensuring that all calibration activities meet industry standards and regulatory requirements.

Periodic Maintenance:

Scheduled Calibrations:

Implementing regular calibration schedules to maintain the ongoing accuracy and reliability of protection relays.

Preventive Maintenance:

Identifying potential issues before they lead to failures, ensuring continuous protection system performance.

Trust Xair Energy for your Protection Relay Calibration needs, and ensure that your electrical protection systems operate with the highest level of accuracy and reliability.

Technical Training

At **Xair Energy**, we offer specialized Technical Training programs focused on Condition-Based Monitoring (CBM) to equip your team with the knowledge and skills necessary to implement and manage CBM systems effectively. Our training ensures that your personnel can leverage CBM technologies to enhance equipment reliability, optimize maintenance schedules, and reduce operational costs.

Customized Training Programs:

Tailored Content:

Training programs are customized to address the specific needs of your organization and industry, covering all aspects of CBM.

Skill Levels:

Courses are designed for all skill levels, from beginners to advanced practitioners.

Experienced Instructors:

Industry Experts:

Our instructors are seasoned professionals with extensive experience in CBM technologies and applications.

Hands-On Training:

Provides practical, hands-on training to ensure participants gain real-world experience in CBM implementation and management.

Comprehensive Curriculum:

CBM Fundamentals:

Covers the basic principles and methodologies of CBM, including data collection, analysis, and interpretation.

Advanced Techniques:

Includes advanced techniques for diagnosing equipment health, predicting failures, and optimizing maintenance strategies.

CBM Technologies:

Detailed training on the latest CBM technologies, tools, and software.

Flexible Delivery Methods:

On-Site Training:

Conducted at your location to minimize disruption to operations and provide context-specific learning.

Remote Learning:

Online training options for remote accessibility and convenience.

Workshops and Seminars:

Interactive workshops and seminars offer immersive learning experiences.

Certification and Assessment:

Skill Assessment:

Participants undergo assessments to evaluate their understanding and proficiency in CBM.

Certification:

Participants receive certification upon successful completion, validating their expertise in CBM.

With Xair Energy's Technical Training on Condition-Based Monitoring, your team will be well-prepared to harness the power of CBM technologies, leading to improved operational performance and significant cost savings for your organization.

Licences and Certificates

Certificate	Registration No.	Class
Unit Pendaftaran Kontraktor Dan Juruperunding (UPKJ) (Pejabat Setiausaha Kewangan Negeri Sarawak)	UPKJ/E/000764	IV VIIA 2(a) IV VIIA 2(b) IV VIIB 4(d)
Electrical Services Contractor (Electrical Inspectorate Unit (EIU))	-	Up to 33kV
Kontraktor Perkhidmatan Elektrik (Suruhanjaya Tenaga)	ST(TKL)WPKL/C/KPE /00039/2020	Up to 33kV
Kontraktor Elektrik (Suruhanjaya Tenaga)	ST(TKL)WPKL/C/KE/ 01540/2021	Class C
Sijil Akaun Pendaftaran Syarikat (MoF)	KQ83314365473809840	-
Perakuan Pendaftaran (CIDB)	0120240325-JH134924	Gred G4 B04 CE21 E03 E05 E06 E10 E11 E15 E16 E17 E18 E19 E20 E21 E22 E23 E24 E25 E32 E33 M15
ISO 9001:2015 (AJA EQS Certification)	AJAMY24/2002	

Clientele

Client	Project Title	Date
ELEKTROSERVE (M) SDN BHD	PARTIAL DISCHARGE AND TAN DELTA FOR 6.6 KV INDUCTION MOTOR	12 SEPT 2019
ELEKTROSERVE (M) SDN BHD	PARTIAL DISCHARGE AND TAN DELTA FOR 6.6 kv INDUCTION MOTOR	-
MLNG SDN BHD	ELECTRICAL SIGNATURE ANALYSIS FOR 7.2 MW 11 kv END FLASH GAS COMPRESSOR MOTOR (TAG NO. K-2460) AT MODULES 4,5 & 6	25 MAC 2019
BOND M&E	PERFORM ELECTRICAL TESTING FOR 1 UNIT 8 MVA & 2 UNIT 6 MVA 33KV/ 11KV SGB DRY TYPED TRANSFORMERS	19 APRIL 2019
ELEKTROSERVE (M) SDN BHD	REPORTING FOR PARTIAL DISCHARGE/TAN DELTA	15 MAY 2019
ABB MALAYSIA / PRODUCT MANUFACTURING PLANT	PERFORM ONLINE PARTIAL DISCHARGE ON 11-UNIT 11/0.433 kv DISTRIBUTION TRANSFORMERS	10 MAY 2019
MLNG SDN BHD	ELECTRICAL SIGNATURE ANALYSIS FOR LEAN SOLVENT BOOSTER PUMP MOTOR PM- 2102 A/B/C AT MODULE 6	21 MAY 2019
ABB MALAYSIA/ SAFRAN LANDING SDN BHD	PERFORM SFRA FOR 1 UNIT 10 MVA OF 33/11 kv OIL TYPE TRANSFORMER	31 MAY 2019
MLNG SDN BHD	ELECTRICAL SIGNATURE ANALYSIS FOR INSTRUMENT AIR COMPRESSOR MOTOR KM- 4520	5 AUG 2019

Clientele

Client	Project Title	Date
MLNG SDN BHD	ADVANCED ELECTRICAL TESTS ON 1 UNIT OF 5 MVA 33 / 6.9 kV OIL TYPE POWER TRANSFORMER	11-13 SEPT 2019
MLNG SDN BHD	PARTIAL DISCHARGE AND TAN DELTA FOR 6.6 kV SOLVENT CHARGE PUMP MOTOR	13 SEPT 2019
BOND M&E/ MIDVALLEY MEGAMALL	ELECTRICAL TESTS ON 1 UNIT OF 12 MVA 33 /11 kV CAST RESIN TYPE POWER TRANSFORMER	4 OCT 2019
BINTULU ONSHORE RECEIVING FACILITY (BORF), PTTEP	ELECTRICAL TESTS ON 3 UNITS OF 50VA 33/0.11 kV INSTRUMENT TRANSFORMER	20 NOV 2019
MLNG SDN BHD	ELECTRICAL TESTS AND ADVANCED TEST ON 1 UNIT OF 25MVA 11/33 kV & 1 UNIT 30MVA 11/34.65 kV GENERATOR STEP UP TRANSFORMER	5 DEC 2019
GAS PROCESSING KERTIH, PGB	SITE ACCEPTANCE TEST FOR COMMISSIONING OF 1 UNIT 1250 kVA 11/0.433 kV TRANSFORMER	26 NOV 2019
MLNG SDN BHD	ELECTRICAL TEST AND ADVANCED TEST ON 1 UNIT OF 20MW 11 kV SYNCHRONOUS A.C GENERATOR	6 JAN 2020
PENGERANG REFINING & PETROCHEMICAL (PREFCHEM)	ELECTRICAL TEST AND ADVANCED TEST ON 5 UNITS OF 11 kV & 8 UNIT OF 3.3 kV HV MOTOR	16 APRIL 2020
BINTULU OPERATION CENTRE (BCS & BMS), PGB	INFRARED THERMOGRAPHY INSPECTION	30 JAN 2020

Clientele

Client	Project Title	Date
WORKSHOP DELEUM ROTARY SERVICES SDN BHD	TAN DELTA AND OFFLINE PARTIAL DISCHARGE ON 1 UNIT 11kV HV MOTOR	1 JULY 2020
BOND M&E/ MIDVALLEY MEGAMALL	ELECTRICAL TEST ON 1 UNIT OF 12MVA 33/11 kV CAST RESIN POWER TRANSFORMER	6 JULY 2020
ULTECH ENGINEERING SDN BHD	FACTORY ACCEPTANCE TESTS (FAT) & RELAY CALIBRATION FOR 6.6 kV FIRE WATER PUMP CONTROL PANEL	19 AUG 2020
SENOKO POWER COMBINED CYCLE UNIT	CARRY OUT MONITORING OF THE FOUR UNITS OF SIEMENS V94.2 GAS TURBINES	2003
PORT KEMBLA STEELWORKS BHP INTEGRATED STEEL	BEARING FAULTS IN LARGE BAG HOUSE FAN	2005
PORT KEMBLA STEELWORKS BHP INTEGRATED STEEL	OVERHEATING BEARINGS	2006
PORT KEMBLA STEELWORKS BHP INTEGRATED STEEL	HIGH VIBRATION ON COMBUSTION EXHAUST FAN	2008
TUTHILL SINGAPORE PTE LTD	HIGH VIBRATION ON TURBINE UNIT	2009
NORTHWEST LPG LLC	INTEGRATED CONDITION BASED MONITORING FOR CHEVRON TEXACO LLC, LPG VESSEL	2009

Clientele

Client	Project Title	Date
TALISMAN INC BUNGA RAYA PLATFORM	COMPRESSOR BOTTLE STRUCTURAL RESONANCE	2010
POWER SERAYA	DUAL PLANE BALANCING FOR 3 NOS OF BOOST UP FAN 300MW -TURBINE DRIVEN	2011
SEMBAWANG ENGINEERING PTE	HIGH VIBRATION ON ID FAN AFTER FAN STOP OPERATION FOR OTHER MAINTENANCE	2012
TENAGA NASIONAL GENERATION SDN BHD	HIGH VIBRATION ON COOLING WATER PUMP/MOTOR	2014
EXXONMOBIL INC LAWIT A PLATFORM	PERFORM IN-SITU BALANCING FOR GT COMPRESSOR OF RB211 COMPRESSOR ON TRAIN A	2015
MLNG PETRONAS GROUP,BINTULU	PIPING VIBRATION FOR MODULE 7 & 8, SULFINOL DISCHARGE 42" PIPE WORK ANALYSIS BASED ON JC WACHEL API 618	2016
PCTSB, TURMENBASHY	GTG 7521 & 7531-LENGTHEN TIME FRAME JUSTIFICATION ON GTG-PT CHANGE OUT	2017
PCTSB, TURMENBASHY	WDPPA-STRUCTURAL FEASIBILITY STUDY AND DESIGN VERIFICATION ON GEG -7510 RADIATOR COOLING FAN ISSUE INCLUSIVE CDPPA GEG	2017
PCTSB, TURMENBASHY	MCRA-REINSTATEMENT OF CONDY PUMP,P1330A- SULZER	2017
PCTSB, TURMENBASHY	MATHEMATICAL CALCULATION ON STRUCTURAL RESONANCE AND IN-SITU BALANCING ON GAS ENGINE GENERATOR - RADIATOR COOLING FAN ISSUE	2018

Xair Energy Sdn Bhd

Our dedication to excellence propels us to be the top choice in M&E engineering asset management, guaranteeing the highest standards for our clients. By continually advancing our expertise and capabilities, we aim to provide unmatched service quality and innovative solutions, reinforcing our leadership in the industry. Our team of highly skilled professionals is enthusiastic about expanding the frontiers of engineering innovation, leveraging cutting-edge technologies and methodologies to offer customized solutions that address each client's specific needs. We are committed to building long-term partnerships based on trust, reliability, and shared success.

***“We strive
to deliver
exceptional
service quality
and innovative
solutions”***



+608 634 0543



sales@xairenergy.com



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Corporate Profile

Xair
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