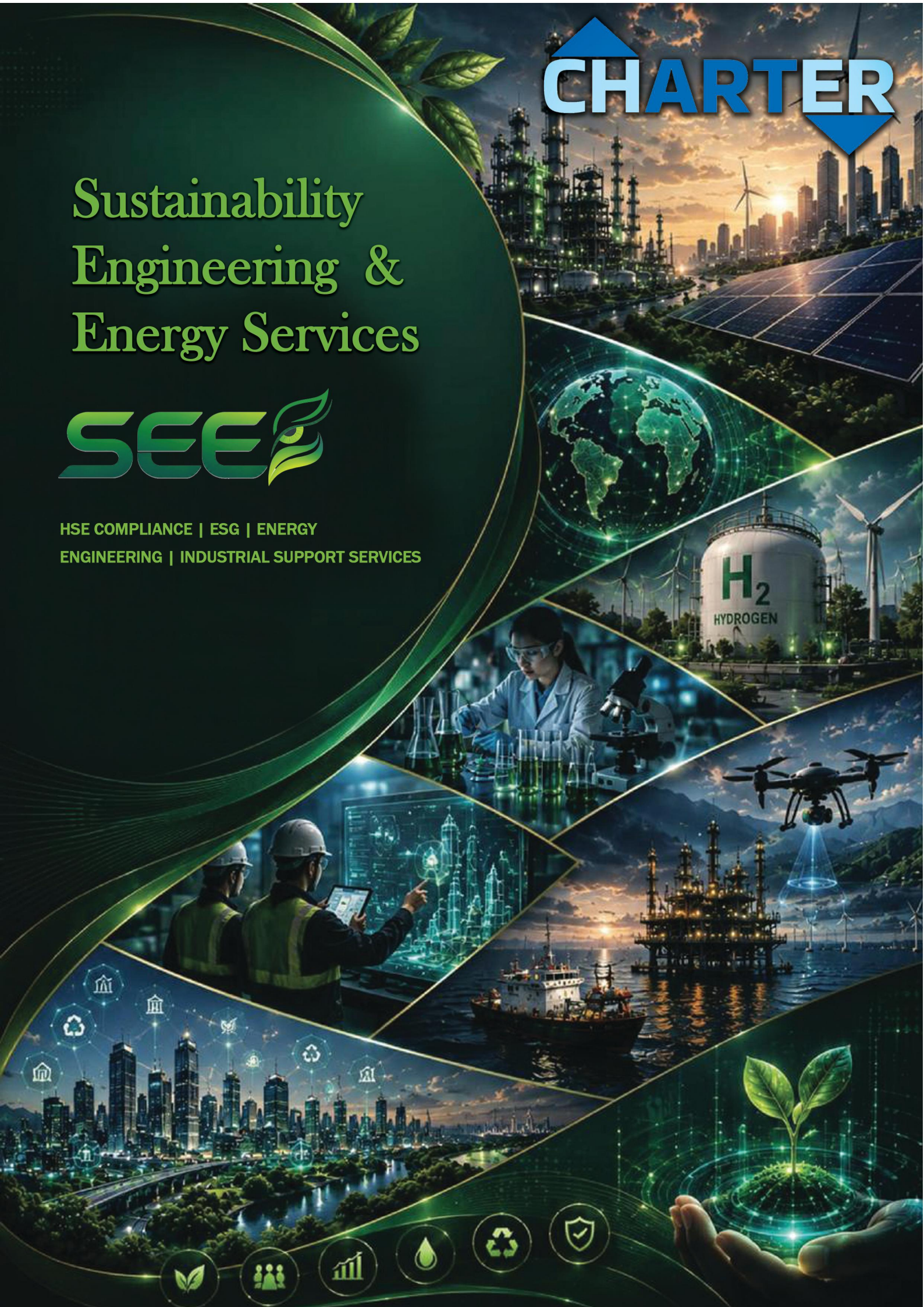


CHARTER

Sustainability Engineering & Energy Services

SEE

HSE COMPLIANCE | ESG | ENERGY
ENGINEERING | INDUSTRIAL SUPPORT SERVICES



ABOUT CHARTER

BUILT ON TRUST - DRIVEN BY EXCELLENCE

Charter Company for General Trading & Contracting (Charter) is a privately owned company, established in 2007 under Kuwait's company law.

Since its inception, Charter has built a strong reputation as a dynamic contractor, specializing in construction and maintenance services across multiple disciplines. The company also provides supply chain support to various organizations operating in key sectors such. water, power, oil & gas, and petrochemicals.

Originally focused on trading, contracting, and manpower supply services for industries including water, power, oil & gas, petrochemicals. and refineries, Charter has since broadened its capabilities to include Mechanical, Electrical, and Instrumentation Engineering.

Today, the company plays a vital role in delivering comprehensive engineering solutions to a diverse range of clients across the region.

Our Journey



2007

Company Established in Kuwait



2007-2012

Built strong foundation in Trading Contracting & Manpower Services



2013-2018

Expanded into Construction & Maintenance across Key Industries



2019-2023

Strengthened Mechanical, Electrical & instrumentation



2024-Beyond

Continued Growth and Diversification Delivering Value Across the Region

INTRODUCING OUR SPECIALIZED DIVISION



**Sustainability Engineering
Energy Services (SEES)**

**Sustainability Engineering & Energy
Services-is Charter's dedicated division
delivering integrated solutions in
Environmental Consultancy, Process
Safety, ESG & Energy, Industrial Hygiene,
Laboratory Services, Monitoring, and more**

INDUSTRIES WE SERVE



WATER



POWER



OIL & GAS



PETROCHEMICALS



REFINERIES



SUPPLY CHAIN
SUPPORT



OUR VISION , MISSION & STRATEGIES



OUR VISION



To shape the future of industry by delivering integrated engineering, construction, trading, manpower, and sustainability solutions that redefine excellence, accelerate innovation, and create enduring value for our clients, communities, and the environment across Kuwait and beyond



OUR MISSION



We deliver integrated engineering, construction, trading, manpower, and sustainability solutions that empower industries to operate safely, efficiently, and responsibly.



Through technical excellence, innovation, uncompromising quality, and a customer-centric approach, we create sustainable value.



We build trusted partnerships, deliver on our commitments, and contribute to a resilient future.



OUR STRATEGIES



Strengthen our position as a diversified solutions provider by expanding our engineering, construction, trading, manpower, and sustainability capabilities.



Drive innovation and digital transformation to enhance productivity, quality, and stakeholder value.



Build strategic partnerships and alliances to deliver world-class solutions and access global expertise.



Invest in our people, technologies, and systems to achieve operational excellence and long-term growth.



Ensure compliance, safety, and quality in every project, creating lasting value for our clients and stakeholders.

STRATEGY



CERTIFICATIONS & COMPLIANCES



Certificate of Registration

This is to certify that

CHARTER COMPANY FOR GENERAL TRADING AND CONTRACTING

Office No.4, First Floor, Al-Fahaheel Center, Street 67, Block 7, Fahaheel, Kuwait.

has been independently assessed by QRO
and is compliant with the requirement of:

ISO 9001:2015

Quality Management System

For the following scope of activities:

Civil, Mechanical, Electrical, HVAC, Instrumentation, Telecommunication, EPC, O&M
Contracting and Supply Chain for Industrial Applications, Oilfield Equipments, Catalysts &
Chemicals with IT Solutions and Technical Support.

Date of Certification: 18th March 2025

2nd Surveillance Audit Due: 17th March 2027

1st Surveillance Audit Due: 17th March 2026

Certificate Expiry: 17th March 2028

Certificate Number: 305025031814Q



Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 365 days from date of the audit.
(In case surveillance audit is not allowed to be conducted: this certificate shall be suspended / withdrawn).
The Validity of this certificate can be verified at www.qrocert.org
This certificate of registration remains the property of QRO Certification LLP and shall be returned immediately upon request.

India Office : QRO Certification LLP
142, 1st Floor, Avtar Enclave, Near Paschim Vihar West Metro Station, Delhi-110063, (INDIA)
Website : www.qrocert.org, E-mail : info@qrocert.org



Certificate of Registration

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CHARTER COMPANY FOR GENERAL TRADING AND CONTRACTING

Office No.4, First Floor, Al-Fahaheel Center, Street 67, Block 7, Fahaheel, Kuwait.

has been independently assessed by QRO
and is compliant with the requirement of:

ISO 14001:2015

Environmental Management System

For the following scope of activities:

Civil, Mechanical, Electrical, HVAC, Instrumentation, Telecommunication, EPC, O&M
Contracting and Supply Chain for Industrial Applications, Oilfield Equipments, Catalysts &
Chemicals with IT Solutions and Technical Support.

Date of Certification: 18th March 2025

2nd Surveillance Audit Due: 17th March 2027

1st Surveillance Audit Due: 17th March 2026

Certificate Expiry: 17th March 2028

Certificate Number: 305025031889E



Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 365 days from date of the audit.
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Office No.4, First Floor, Al-Fahaheel Center, Street 67, Block 7, Fahaheel, Kuwait.

has been independently assessed by QRO
and is compliant with the requirement of:

ISO 45001:2018

Occupational Health and Safety Management System

For the following scope of activities:

Civil, Mechanical, Electrical, HVAC, Instrumentation, Telecommunication, EPC, O&M
Contracting and Supply Chain for Industrial Applications, Oilfield Equipments, Catalysts &
Chemicals with IT Solutions and Technical Support.

Date of Certification: 18th March 2025

2nd Surveillance Audit Due: 17th March 2027

1st Surveillance Audit Due: 17th March 2026

Certificate Expiry: 17th March 2028

Certificate Number: 305025031890HS



Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 365 days from date of the audit.
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OUR BUSINESS ECOSYSTEM

Four Specialized Divisions. One Committed Team.
Delivering Engineering Excellence, Sustainable Solutions, and Operational Integrity.

Sustainability Engineering & Energy Services

- 🌱 Environmental Consultancy
- 🌱 Environmental Monitoring
- 🌱 Process Safety & Risk Advisory
- 🌱 Laboratory Analysis & Testing
- 🌱 ESG & Energy Services
- 🌱 Geotechnical Services
- 🌱 Industrial Hygiene
- 🌱 Design & Engineering
- 🌱 Technical Sales- Products & Consumables
- 🌱 Calibration, Testing & Certification
- 🌱 Oil Spill Response
- 🌱 Training & Auditing
- 🌱 Academic Travel & Experiential Learning

Technical Services & Contracting

- Civil Construction
- Mechanical Works
- Electrical Works
- Instrumentation Works
- HVAC Systems
- Piping & Structural Fabrication
- Industrial Manpower

Integrated Business Solutions

IT Solutions

- ERP Solutions
- Software Development
- Cybersecurity
- Cloud Solutions
- AI & Automation
- Website Development
- Digital Transformation
- IT Support & Services

Human Capital Solutions

- Recruitment
- Executive Search
- Payroll Management
- HR Outsourcing
- Workforce Management
- HR Advisory Services

Corporate Services Group

- 🔥 QHSE
- 🔥 Human Resources
- 🔥 Administration
- 🔥 Finance
- 🔥 Procurement
- 🔥 Supply chain Management
- 🔥 Information Technology
- 🔥 Stores & Warehouse
- 🔥 Legal Compliance
- 🔥 Facility Management



Sustainability Engineering and Energy Services (SEES)



Charter Sustainability Engineering & Energy Services (SEES) provides integrated engineering, environmental and industrial support solutions that help industries improve compliance, operational excellence, sustainability and long-term business value. Our multidisciplinary expertise enables us to support projects from concept through operation while maintaining the highest standards of safety, quality and environmental stewardship.



ENVIRONMENTAL CONSULTANCY

Enabling Sustainable Growth

We provide end-to-end environmental consultancy services that support regulatory approvals, sustainable development and responsible project execution.

Our scientific approach, technical expertise and practical solutions helps organizations minimize environmental risks and achieve full compliance.



OUR SERVICES



BASELINE STUDIES

Collection and analysis of baseline environmental data to establish existing conditions.



ESIA

Environmental and social Impact Assessment for projects and developments.



ESAR

Environmental and Social Action plan for compliance and risk Management.



EMP

Environmental Management Plans tailored to project activities and risks.



ENVIRONMENTAL AUDITING

Independent Environmental Audits to evaluate compliance and performance.



ENVIRONMENTAL ASSESSMENT

Assessment of Environmental aspects, impacts and regulatory requirements.



AIR DISPERSION MODELLING

Air quality modelling to predict pollutant dispersion and support decision making.



NOISE MODELLING

Prediction and Assessment of noise levels to ensure regulatory compliance.



MARINE MODELLING

Hydrodynamic and water quality modelling for marine and coastal developments.



SPECIALISED STUDIES

Additional studies including hydrology, ecology and climate risk assessments.



ENVIRONMENTAL MONITORING

Monitoring Today

- Protecting Tomorrow

Reliable environmental monitoring is essential for demonstrating regulatory compliance, protecting public health and improving environmental performance.

Charter SEES delivers comprehensive field monitoring services using internationally recognized methodologies and calibrated equipments to provide accurate, defensible and timely environmental data across industrial facilities.



EQUIPMENTS WE USE



**Portable Gas
Analyser**



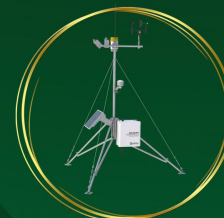
**Ambient Air
monitoring Station**



**Stack Monitoring
Kit**



Lux Meter



**Meteorological
station**



**Particulate
Monitor**

OUR MONITORING SERVICES



AMBIENT AIR QUALITY MONITORING

Measurement of PM₁₀, PM_{2.5}, SO₂, NO₂, CO, O₃, VOCs and meteorological parameters as per KEPA.



STACK EMISSION MONITORING

Performance testing and compliance monitoring of industrial stacks and process emissions.



NOISE MONITORING

Occupational, Environmental and community noise assessments using precision sound level meters.



LIGHT INTENSITY MONITORING

Lux Level assessments for workplaces, offices, emergency lighting and industrial facilities.



VEHICLE EMISSION TESTING

Exhaust emission measurements to verify vehicle compliance and reduce environmental impact.



BREATHING AIR COMPRESSOR TESTING

Quality assessment of breathing air systems for offshore, confined space and emergency response applications.



INDOOR AIR QUALITY MONITORING

Assessment of indoor environmental conditions including temperature, humidity, CO₂, VOCs and particulate matter.



WORKPLACE EXPOSURE MONITORING

Monitoring airborne contaminants and hazardous substances to support occupational health programs.



Our Services



HAZID

Identification of hazards associated with process, equipment, utilities and operations.



HAZOP

Systematic assessment of deviations to identify risks and recommend safeguards for process systems.



PHSER

Preliminary Hazard Study for evaluation of hazards and preliminary risk ranking.



CHAZOP

HAZOP with consideration of human factors and operational discipline.



SIL ASSESSMENT

Safety Integrity Level determination for instrumented safety functions.



LOPA

Layer of Protection Analysis to evaluate independent protection layers and risk reduction.



FERA

Fire and Explosion Risk Assessment for potential fire, explosion scenarios.



EERA

Explosion Effect Risk Assessment for overpressure and thermal radiation.



FIRE & GAS MAPPING

Mapping of fire and gas hazards for detection, protection and response planning.



QRA

Quantitative Risk Assessment for likelihood and consequence evaluation.



RAM

Reliability, Availability and Maintainability studies for optimized asset performance.



CONSTRUCTABILITY REVIEW

Review of engineering designs for safe, constructible and operable solutions.

PROCESS SAFETY & RISK ADVISORY SERVICES

Identifying Risks, Engineering Safer Operations.

We help organizations identify, assess and manage process safety risks using globally recognized methodologies and industry best practices. Our Solutions strengthen asset integrity, ensure regulatory compliance and enhance operational reliability across the project lifecycle.

INDUSTRIES WE SERVE

-  Oil & Gas / Petrochemicals
-  Refineries
-  Power Generation
-  Chemicals
-  Pharmaceuticals
-  Marine & Terminals
-  Manufacturing
-  Infrastructure



OUR APPROACH



Understand Process & Operations



Identify Hazards



Assess Risks



Recommend Safeguards



Implement Solutions



Monitor & Review



Continuous Improvement

GEOTECHNICAL SERVICES

Building on Reliable Ground.

Our geotechnical solutions provide accurate site characterization and subsurface insights to support safe, economical and sustainable infrastructure development. Using advanced equipment and proven methodologies, we deliver reliable data you can build on.

TYPICAL DELIVERABLES

- Geotechnical Investigation Report (GIR)
- Subsurface Profile & Soil Stratification
- Foundation Recommendation
- Bearing Capacity Analysis
- Settlement Analysis
- Slope Stability Assessment
- Liquefaction Assessment
- Ground Improvement Recommendation



OUR GEOTECHNICAL SERVICES

TOPOGRAPHICAL SURVEY



High precision topographical surveys using advanced instruments and technology for mapping, contouring and monitoring.

- Control Survey
- Contour Mapping
- Route & Alignment Survey
- Volume Calculation
- As-built Survey

SOIL INVESTIGATION



Comprehensive subsurface exploration to determine soil and rock conditions for safe and cost-effective design.

- Borehole Drilling
- Soil Sampling
- Standard Penetration Test (SPT)
- Rock Core Sampling
- Groundwater Observation

SLIT TRENCHING



Slit Trenching for direct assessment of soil strata, ground conditions and contamination evaluation.

- Stratification Study
- Contamination Assessment
- Visual Soil Profile
- Groundwater Identification

IN-SITU & LAB TESTING



In-situ tests to evaluate soil behavior and engineering properties under actual field conditions.

- Plate Load Test
- Vane Shear Test
- Field Density Test
- Permeability Test
- Pressuremeter Test
- Compressive strength



ESG & ENERGY SERVICES

Driving Sustainable Performance
- Empowering Energy Excellence...

We help organizations integrate ESG principles, reduce environmental impact, improve energy efficiency and accelerate the transition to a low carbon future.

Our solutions create long-term value while supporting regulatory compliance and stakeholders expectations.



We turn sustainability goals into actionable strategies and measurable business outcomes

OUR ESG AND ENERGY SERVICES



ESG STRATEGY

Developing tailored ESG strategies aligned with business objectives, risk management and stakeholder expectations.



SUSTAINABILITY REPORTING

Preparing GRI/ISSB aligned sustainability reports that communicate performance transparently and build stakeholder trust.



CARBON MANAGEMENT

Measuring, managing and reducing carbon footprint across operations, supply chain and project lifecycle.



ENERGY EFFICIENCY

Improving energy performance through audits, monitoring, optimization and cost effective efficiency measures.



RENEWABLE ENERGY

Supporting clean energy adoption through feasibility, integration and implementation of renewable energy solutions.



GREEN BUILDING

Advising on green building certifications and sustainable design for energy efficient and environmentally responsible buildings.



SUSTAINABLE INFRASTRUCTURE

Incorporating sustainability principles in infrastructure planning, design and implementation.



TECHNICAL ENERGY CONSULTANCY

Providing expert advisory on energy systems, technologies standards and regulatory compliance.



ESG PERFORMANCE MANAGEMENT

Tracking ESG KPIs, assessing material issues and driving continuous improvement in sustainability performance.



REGULATORY & STAKEHOLDER COMPLIANCE

Ensuring adherence to local and international regulations and supporting stakeholder engagement.

KEY IMPACT AREAS



Reduce Emissions



Optimize Energy Use



Lower Operational Cost



Enhance ESG Value



Strengthen Compliance



Build Stakeholder Trust

INDUSTRIAL HYGIENE SERVICES

Protecting people

- Enhancing Workplace Health

We safeguard worker health and ensure regulatory compliance through comprehensive industrial hygiene assessments, exposure monitoring and health risk management. Our data-driven approach helps industries create safer, healthier and more productive workplaces.

OUR INDUSTRIAL HYGIENE SERVICES



IH MANAGEMENT

Comprehensive Industrial Hygiene Management



We develop and implement effective IH management systems tailored to your workplace, ensuring proactive identification, evaluation and control of health hazards.

- IH Program Development
- Risk Assessment & Prioritization
- Control Strategy & Implementation
- Program Review & Continuous Improvement



BASELINE QUALITATIVE EXPOSURE ASSESSMENT

Identify Potential Exposures
Plan Effective Controls



We conduct baseline qualitative exposure assessments to identify potential workplace hazards and evaluate exposure scenarios to support risk control planning.

- Workplace Walk-through
- Hazard Identification
- Exposure Potential Evaluation
- Recommendations for control measures



EXPOSURE MONITORING

Measure Today
Protect Tomorrow



We perform comprehensive monitoring of chemical, physical and biological agents using advanced instruments and recognized methodologies.

- Chemical Exposure Monitoring
- Noise Heat & Physical Monitoring
- Dust Fume & Gas Monitoring
- Biological Monitoring

TYPICAL HAZARDS WE ASSESS

- 🌿 Chemical (Vapours, Gases, Fumes, Dusts)
- 🌿 Physical (Noise, Heat, Vibration, Radiation)
- 🌿 Ergonomic (Posture, Repetition, Lifting)
- 🌿 Biological (Bacteria, Viruses, Molds)
- 🌿 Indoor Air Quality (IAQ)

OUR APPROACH



ADVANCED EQUIPMENTS , ACCURATE RESULTS



Our approach is aligned with international standards such as ACGIH , NIOSH, OSHA and ISO 45001 to ensure a safe and healthy workplace.

DESIGN & ENGINEERING

Innovative Engineering, Practical Solutions

From concept to commissioning, we deliver innovative safe, cost-effective and sustainable engineering solutions tailored to complex industrial challenges.

Our Multidisciplinary team combines engineering excellence with practical experience to bring your vision to life.



Innovative
Solutions



Sustainable
Design



Engineering
Excellence



Project
Success

OUR DESIGN AND ENGINEERING SERVICES

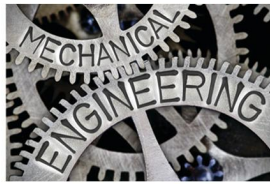
PROCESS ENGINEERING



Safe, efficient and reliable process solutions to optimize performance and productivity.

- Process Design
- PFD, P&ID Development
- Process Optimization
- HAZOP/ HAZID Support

MECHANICAL ENGINEERING



Robust mechanical designs for static and rotating equipment and systems.

- Equipment Design
- Mechanical Calculations
- Stress Analysis
- Technical Specifications

PIPING ENGINEERING



Efficient piping layouts and stress analysis ensuring safety and reliability.

- 3D Piping Design
- Pipe Stress Analysis
- Isometrics & GA Drawings
- Material Take off

CIVIL & STRUCTURAL ENGINEERING



Safe and cost-effective civil and structural solutions for industrial infrastructure.

- Structural Design
- Foundation Design
- Civil Works Design
- Structural Analysis

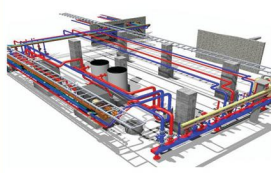
INSTRUMENTATION & ELECTRICAL ENGINEERING



Smart instrumentation and electrical solutions for reliable operations.

- Instrumentation Design
- Electrical System Design
- Control & Automation
- Load & Lighting Design

3D MODELLING & INTEGRATED ENGINEERING



Advanced 3D models for better visualization, coordination and constructability.

- 3D Plant Modeling
- Clash Detection
- Model Based Review
- Quantity Extraction

PROJECT MANAGEMENT SUPPORT



End-to-end engineering support to ensure on time on-budget project delivery.

- FEED Support
- Project Planning
- Progress Monitoring
- Documentation

DELIVERABLES

- Process Flow Diagrams (PFD)
- Piping & Instrumentation Diagrams (P&ID)
- 3D Models & Iso metrics
- GA Drawings & Data sheets
- Engineering Calculations & Reports
- Material Take-off (MTO)
- Specifications & Data sheets
- Project Documentation



We combine creativity, technology and experience to deliver engineering solutions that drive performance and sustainability.

ACADEMIC TRAVEL & EXPERIENTIAL LEARNING

Learning by Experience - Growing through Exposure

We bridge the gap between classroom learning and real-world industry through immersive academic travel and experiential learning programs. Our initiatives inspire curiosity, build practical knowledge and shape future-ready professionals prepared for the challenges of tomorrow



OUR EXPERIENTIAL LEARNING OFFERINGS

INDUSTRIAL VISITS



Visit operational plants and facilities to understand real-time processes, safety practices and industry standards.

- Process Observation
- Safety & Risk Awareness
- Operational Excellence

MANUFACTURING PLANT TOURS



Explore advanced manufacturing setups and production systems to learn modern technologies and lean practices.

- Production Systems
- Automation & Robotics
- Quality & Lean Practices

RESEARCH CENTRE VISITS



Engage with research institutions and laboratories to gain insights into innovations and emerging technologies.

- Lab Demonstrations
- Research Exposure
- Innovation Insights

INNOVATION HUB VISITS



Visit Innovation hubs and technology centers to experience creativity, design thinking and future technologies.

- Innovation Showcase
- Design Thinking
- Emerging Technologies

STARTUP ECOSYSTEM EXPOSURE



Expose participants to the startup ecosystem, entrepreneurship journeys and real-world business challenges.

- Startup Interactions
- Entrepreneur Talks
- Problem Solving Sessions

CORPORATE INTERACTION SESSIONS



Engage with industry professionals and leaders to understand corporate culture and expectations.

- Leadership Interactions
- Career Guidance
- Q&A with Experts

GUEST LECTURES BY INDUSTRY LEADERS



Learn from experienced leaders sharing real-life insights, expertise and industry trends.

- Expert Talks
- Trend Insights
- Interactive Discussions

EXECUTIVE DEVELOPMENT PROGRAMS



Short programs designed to build leadership, decision making and professional skills.

- Leadership Skills
- Strategic Thinking
- Personal Effectiveness

PROFESSIONAL CERTIFICATE PROGRAMS



Industry-aligned certification programs to enhance knowledge and professional credentials.

- Technical Certifications
- Specialized Domains
- Career Advancement

FACULTY-LED WORKSHOPS



Interactive-workshops conducted by experienced faculty and industry experts.

- Hands-on Learning
- Practical Applications
- Skill Development

OUR APPROACH



WHO CAN BENEFIT ?

- Engineering & Science Students
- Universities & Colleges
- Research Scholars
- Professional Institutions
- Corporate Training Teams



CALIBRATION, TESTING & CERTIFICATION SERVICES

Accuracy | Reliability | Compliance | Assured

We provide precise calibration, testing and certification services for a wide range of instruments and equipment in accordance with international standards.

Our accredited processes ensure accuracy, traceability and regulatory compliance- every time



Traceable
Results



Standards
Compliant



Certified
Confidence



On-time
Every Time



OUR CALIBRATION & TESTING SERVICES



PRESSURE CALIBRATION



- Gauge & Transmitter
- Pressure Calibrators
- Pressure Switches
- Relief Valves

TEMPERATURE CALIBRATION



- Thermocouples (TC)
- RTDs
- Temperature Indicators
- Temperature Controllers

ELECTRICAL CALIBRATION



- Multimeters
- Clamp Meters
- Insulation Testers
- Power Quality Analyzers
- Process Calibrators

FLOW CALIBRATION



- Flow Meters
- Flow Transmitters
- Rotameters
- Totalizers

GAS DETECTION CALIBRATION & TESTING



- Portable Gas Detectors
- Fixed Gas Detectors
- Bump Test
- Calibration with certified Gases

SAFETY EQUIPMENT TESTING



- Harness & lanyards
- Anchor Points
- Retractable Lifelines
- Portable Full Arrest Blocks

SCOPE OF CALIBRATION – INSTRUMENTS & EQUIPMENT

PRESSURE



-1 bar to 1000 bar

TEMPERATURE



-200 °C to 1200 °C

ELECTRICAL



DC 0 mV to 1000 V
0 mA to 24 mA

FLOW



0.1 L/min to
1000 m³/h

LEVEL



0 to 30 m (Liquid)
0 to 100 m (Radar)

DIMENSIONAL



0 to 300 mm

WEIGHT



1 mg to 500 kg

GAS DETECTION



LEL / O₂ / H₂S / CO
& Other Gases

ACCREDITED TRACEABLE TRUSTED

All calibrations are performed using traceable standards to international / National standards.



We issue calibration certificates with traceability and measurement uncertainty as per standard requirements

OUR APPROACH



RECEIVE



CALIBRATE



VERIFY



CERTIFY



DELIVER

LABORATORY ANALYSIS & TESTING SERVICES

**Precision Testing.
Trusted Results.**



We deliver accurate, reliable and timely laboratory analysis for a wide range of environmental and industrial matrices. Our advanced laboratory infrastructure, experienced analysts and robust quality systems ensure data integrity to support compliance, process control and informed decision making.

SAMPLE MATRICES WE HANDLE

-  Water (Potable , Surface, Ground, Process, Sea)
-  Wastewater (Industrial, Domestic)
-  Oil (Crude, Lubricating, Hydraulic, Transformer)
-  Gas (Natural gas, Flue Gas, Process Gas)
-  Soil & Sediment
-  Microbiological Samples

Water Analysis



Comprehensive testing of potable water, surface water, ground water and process water

- Physical parameters
- Chemical Parameters
- Heavy Metals
- Microbiological Analysis

Wastewater Analysis



Analysis of industrial and domestic wastewater to ensure regulatory compliance

- pH, TSS , BOD, COD
- Oil grease
- Nutrients (N,P)
- Heavy Metals

Oil Testing



Quality assessment of crude oil, lubricants, hydraulic oils and other petroleum products.

- Viscosity
- Flash Point
- TBN/TAN
- Elemental Analysis

Gas Analysis



Accurate analysis of process, natural and combustion gases.

- Calorific Value
- Composition (CH₄, CO₂, O₂, H₂S, etc.,)
- Moisture Content
- Impurities

Soil Testing



Evaluation of soil quality for environmental assessment and remediation studies

- pH, EC, Texture
- Heavy Metals
- TPH / Oil & Grease
- Other Contaminants

Microbiology Testing



Microbiological analysis for water, wastewater and industrial processes

- Total Plate Count
- Coliforms (MPN)
- E. Coli
- Pathogens

OUR TESTING PROCESS



All analyses are performed in accordance with Standard Methods (APHA), USEPA, ASTM, ISO and other internationally recognized protocols.



*Building a **sustainable** future
through technology innovation
and responsible engineering*

CONTACT US



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sees@chartersco.com



Website :

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“From Earth to Beyond

Our commitment to Sustainability Never Ends.”