

# ACTS

ADVANCED CONSTRUCTION  
TECHNOLOGY SERVICES

Build on our credentials

COMPANY PROFILE



[WWW.ACTS-INT.COM](http://WWW.ACTS-INT.COM)

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# ACTS - We Go Beyond the Blueprints

A leading third-party engineering company specializing in Testing, Inspection, Certification, Engineering Services, and Knowledge & Education. We are spread across the Middle East, Africa, and Southeast Asia.

We maintain a significant position in providing differentiated and comprehensive services within these regions, encompassing activities such as asset evaluation, quality assessment, examination, certification, engineering solutions, and educational initiatives.



# Who is ACTS?

Since its founding in 1996, ACTS has established itself as a premier third-party testing, inspection, certification, knowledge, education, and specialized engineering services firm serving the construction industry. Our reach currently extends across the Middle East, Africa, and Southeast Asia, where international construction firms recognize us as a trusted partner.

## Leadership in Testing, Inspection, and Certification

As part of ACTS' commitment to excellence, the company has partnered with the American Concrete Institute (ACI) and has become the official local sponsor for ACI's certification programs in the Middle East & Africa.

At ACTS, we pride ourselves on being a comprehensive provider of international codes and standards. By partnering with leading organizations such as Accuris, ACI, ASTM, and IEEE, we provide unparalleled access to the latest standards, codes, and engineering solutions.

Our dedication to uncompromising quality extends beyond internal processes. ACTS' fully equipped and modern laboratories, well-trained staff, and customer-centric services have been awarded high-caliber accreditations.

### Accreditations

ISO/IEC 17025:2017  
ISO/IEC 17020:2012  
ISO/IEC 17065:2012

### Certifications

ISO 9001:2015  
ISO 14001:2015  
ISO 45001:2018





# CONCRETELIFE<sup>®</sup>

CONCRETE SERVICE LIFE & DURABILITY ASSESSMENT

## Our Vision

We aim to be a top global leader in providing knowledge-based services for the construction industry. Our goal is to be the trusted and preferred partner for testing, inspection, certification, and engineering services worldwide, known for reliability and credibility.

## Our Mission

To provide the construction industry with the information and professional services required to improve the understanding and usage of construction materials; to assist relevant stakeholders in achieving durable and cost-effective construction, and to elevate the quality of the construction industry with technological innovation.

# What Services Do We Offer?

## Testing

- Construction Materials Testing
- Metallurgy
- Welding Non-Destructive Testing
- Facade Testing
- Fire Testing
- Environmental Testing
- Spectral Analysis of Surface Waves (SASW) & Impact Echo

## Inspection

- Construction Quality Control and Inspection
- Fire inspection
- Non-Destructive Evaluation of structures
- Facade Inspection
- General Inspection Services for Oil and Gas

## Engineering Services

- Geotechnical Engineering
- Pavement Engineering
- Structural & Service Life Assessment
- Structural Health Monitoring
- Environmental Assessment
- Topography and Surveying
- Optimal Mixture Proportioning for Asphalt & Concrete

## People, Product, and Plant Certifications

- Fire Product Certification (NFPA)
- American Concrete Institute (ACI)
- Ready Mixed Concrete Association (NRMCA)
- Precast/Prestressed Concrete Institute (PCI)

## Technical Standards & Solutions Division

- Technical Standards
- Engineering Specifications
- Codes of Practice and Regulations

## Training and Conferences

- 20+ Training Programs
- Organizers of Future Concrete Construction Yearly Conference

## We prioritize Quality and Safety:

- › **Complete Inspections:** Our meticulous oversight of construction processes, materials, and compliance ensures projects meet specifications.
- › **Expert Audit:** We conduct rigorous quality and safety audits, carefully identifying and resolving any non-conformities before they impact progress.
- › **Safety first:** We prioritize worker safety through inspections, training programs, and adherence to the strictest safety regulations.

# Testing

Reliable construction materials testing plays a critical role in ensuring the success of your project. As a leading provider of third-party testing services, ACTS offers a comprehensive suite of solutions to empower you with unwavering confidence in the quality of your materials.

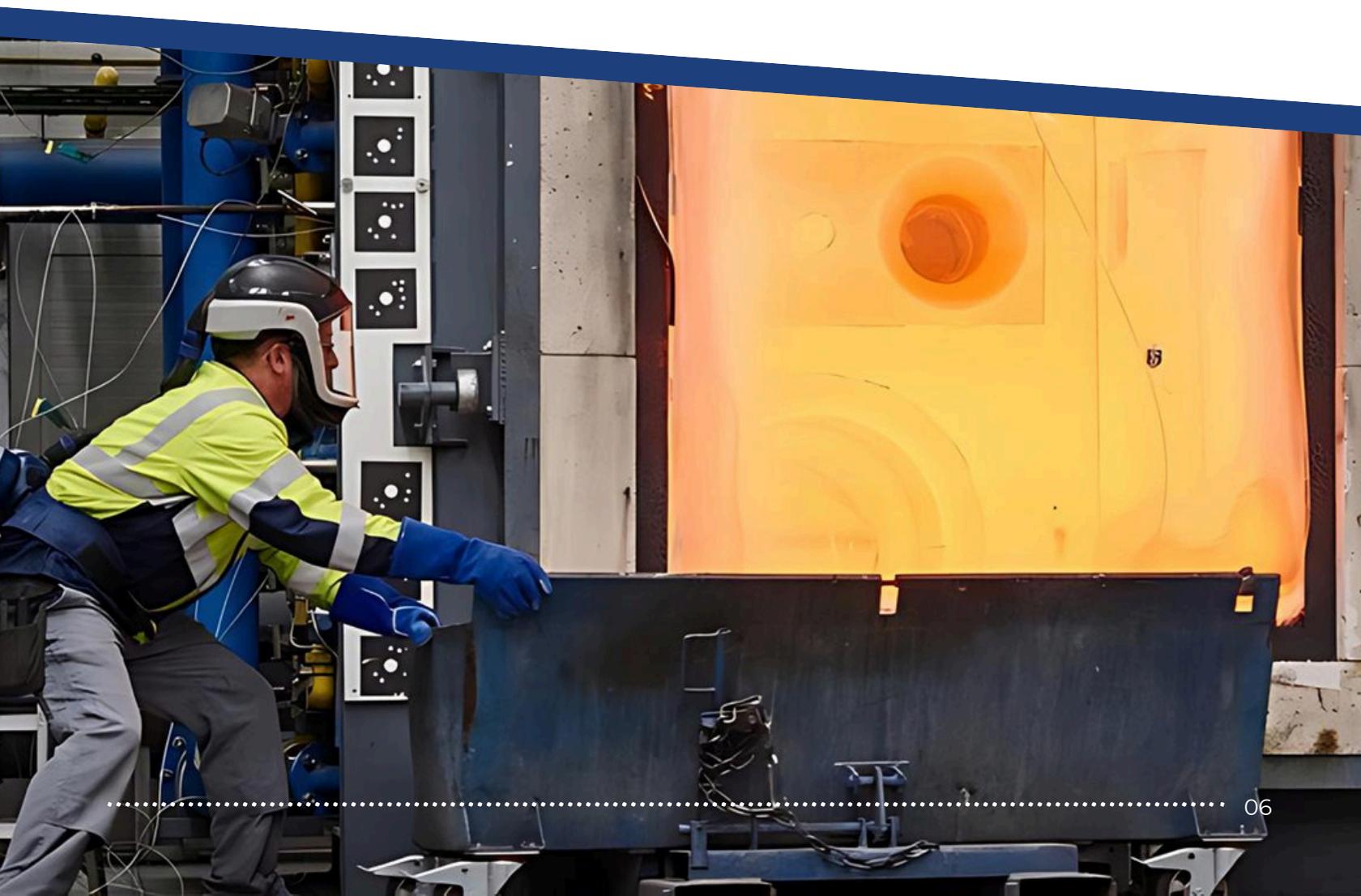
- › Well Equipped Laboratories
- › Advanced Laboratory Information Management System
- › Qualified and Experienced Staff

## Testing The Conventional Way

- › Lab/Site technicians and engineers record and calculate the test results.
- › Data encoder types the report based on the result submitted by the Engineers.

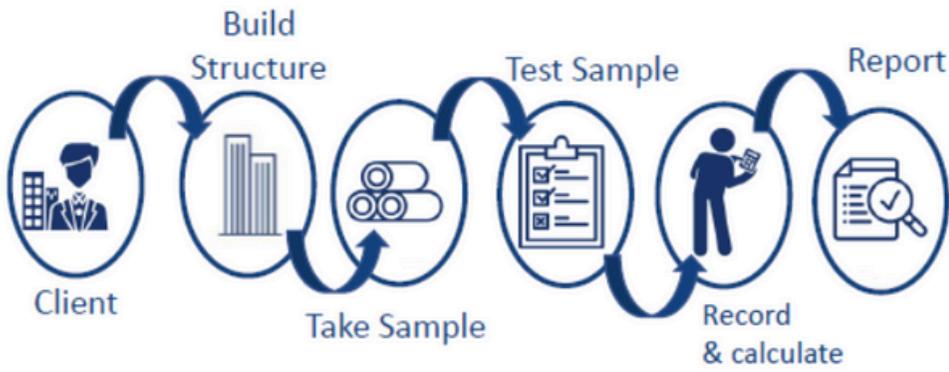
## Testing ACTS Way

- › The testing machine, which is integrated with LIMS (Laboratory Information Management System), automatically calculates the result ensuring minimum human interferences and eliminating human errors.
- › Results are then updated online for real-time access and reports are auto-generated.
- › ACTS provides technical interpretation and analysis throughout the testing process.

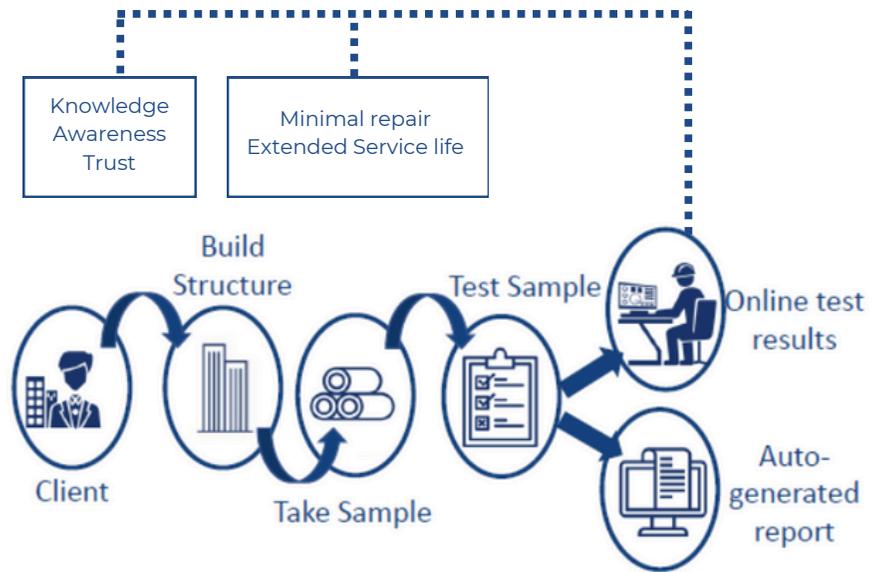


This is what makes us different from the rest:

### The Conventional Way



### ACTS Way



# Inspection & Consultancy

ACTS has been a leading force in construction inspection and consultancy. Our team of seasoned civil, structural, mechanical, and materials engineers are well-trained and experienced on large-scale, complex projects across diverse industries.

## We go Beyond Inspections:

- › **Optimize Costs:** Our keen understanding of construction procedures and materials allows us to suggest cost-effective solutions without compromising quality.
- › **Navigate Regulations:** We stay ahead of the curve on industry standards and regulations, ensuring your project meets all requirements.
- › **Resolve Challenges Proactively:** Our team of experts tackles unforeseen challenges head-on, providing swift solutions that minimize disruptions and delays.



## Specialized Expertise for Every Need:

- › **Concrete & Steel:** We offer a comprehensive suite of inspection & consultancy services for concrete and steel, including performance studies and failure analysis.
- › **Firestop Systems:** Our highly qualified inspectors ensure the proper installation and maintenance of firestop systems for maximum fire protection.
- › **Metallurgy & NDT:** Our certified inspectors and technologists provide advanced non-destructive testing for metals, ensuring structural integrity and safety.
- › **Environmental Consultancy:** With years of experience in the environmental consulting field, we are dedicated to delivering high-quality solutions that address your unique environmental challenges; Impact Assessment - Site Assessment - Audits - Management Plan - Strategic Assessment - Air and Noise Modelling.
- › **Other Applications:** We offer a wide range of additional inspection and consultancy services, including glazing, coatings, geomembranes, pipelines, and pre-construction site assessments.



# Engineering Services

## Geotechnical Engineering

- › **Comprehensive Services:** We offer a full spectrum of geotechnical solutions, from borehole drilling and geophysical surveys to foundation assessments and pavement testing.
- › **Team of Experts:** Our seasoned geotechnical engineers, geophysicists, and geologists are well-trained and experienced in diverse subsurface conditions.
- › **Modern Drilling Methods:** We utilize the latest cost-effective techniques for ground investigations, including advanced drilling rigs and in-situ testing.
- › **Global Reach:** We serve clients across 10 countries, with a wealth of knowledge of local conditions.

## Environmental Impact Assessment

ACTS conducts comprehensive Environmental Impact Assessments (EIA) to minimize project impact and ensure environmental responsibility. Our team of environmental engineers and specialists meticulously analyze the project lifecycle for proactive mitigation strategies.



## Structural Assessment

- › **Safeguarding Your Infrastructure:** Our dedicated team of concrete technologists and structural engineers are well-trained and experienced in assessing existing structures for safety, durability, and functionality.
- › **Advanced Technology:** We leverage cutting-edge equipment and service life prediction software to deliver detailed and accurate evaluations.
- › **Non-Destructive Testing:** Our comprehensive toolkit includes visual inspections, concrete coring, and non-destructive testing methods like LPR and GPR for thorough analysis.
- › **Quantity Surveying Solutions:** We can develop BOQ for optimal recovery and longevity of your structures.

## Pavement Engineering

At ACTS, we specialize in providing comprehensive pavement engineering and testing services to ensure the quality and durability of road infrastructure. Our team of experienced engineers and technicians offers a wide range of services, including:

### › Pavement Structural Evaluation

- Heavy Weight Deflectometer
- Inspecting The Structural Integrity of the Pavement Structure
- HWD Data Analysis

### › Pavement Functional Evaluation

- Roughness Testing
- RSP Data Analysis (BBI) and (IRI)
- Surface Irregularities Testing
- Surface Friction Evaluation

### › Pavement Distress Survey

- Manual Survey
- Distress Severity map
- Automated Distress Survey: Fully Equipped Multifunctional Vehicle (LCMS2)

### › Smart Pavement Structural Health Monitoring

- Recommended method for preventive maintenance of Airfields and Roads



# Certification

ACTS is your gateway to internationally recognized credentials in the construction industry. Here are the certifications that we provide:



## American Concrete Institute (ACI)

- › **Concrete Field Testing Technician:**  
Master fundamental testing procedures for concrete quality control.
- › **Concrete Construction Special Inspector:**  
Gain expertise in overseeing concrete placement, finishing, and curing.
- › **Concrete Transportation Construction Inspector:**  
Ensure the safe and efficient delivery of concrete from the batch plant to the project site.



## National Ready Mixed Concrete Association (NRMCA)

We've certified over 300 production facilities across the region, proudly ensuring adherence to the highest quality standards.

*The NRMCA Certifications granted through ACTS in the region are:*

› **Plant & Truck Inspection:**

We scrutinize every aspect of your production facility, from material storage to delivery vehicles.

› **Personnel Certification:**

We empower your team with NRMCA Plant Operator certifications.

## Precast/Prestressed Concrete Institute (PCI)

PCI is the technical institute and trade association for the precast/prestressed concrete structures industry.

*PCI certifications granted through ACTS are:*

› **PCI Quality Control Level 1**

› **PCI Quality Control Level 2**



# Knowledge and Education

## Technical Standards & Solutions Division

ACTS Technical Standards and Solutions Division holds the world's largest library pertaining to more than 300 international organizations.

We strive to share our knowledge and expertise in this area with our customers and our solutions enable them to buy the right product at the right time and from the right source.



## Training

ACTS has currently trained more than 6000 personnel and has certified more than 5000 personnel.

### Concrete Technology and Performance



### Infrastructure Applications



### Environmental and Regulatory Compliance



### Advanced Skills and Specialization



## Conferences & Seminars

ACTS organizes the largest concrete conference in the Middle East and Africa region: Future Concrete Construction.

The conference is held yearly in association with ACI, FIB, ASTM, UK Concrete Society as well as other world-renowned societies in concrete.

# Our Clients





# Testing



# Inspection



## YOUR PROJECT'S JOURNEY: FROM INCEPTION TO MAINTENANCE...



# Certification



**Engineering**



**...WE'VE GOT YOU COVERED.**

**Technical Standards & Solutions**



**Training & Conferences**



# Contact Us



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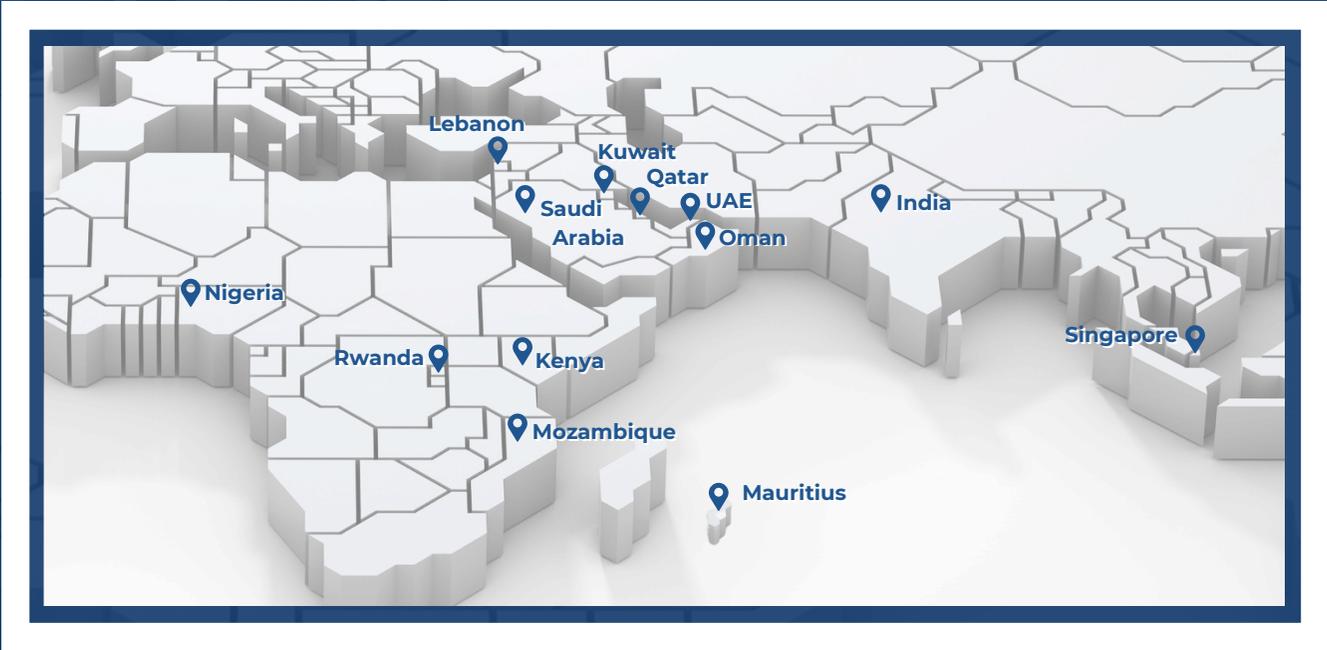


## Mauritius

### Email

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# International Presence



# Principles We Follow



**Integrity & Reliability**



**Tangible Value To Customers**



**Commitment To Safety**



**Accuracy & Precision**



**Knowledge & Experience**



**Environmental Responsibility**



Build on our credentials

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Rwanda . Kenya . Nigeria . Mozambique . India . Mauritius . Singapore

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