

WELCOME

NDT  
EXPO X25

أهلاً بكم

المعرض والمؤتمر الدولي

التفتيش الهندسي الجودة اللحام التآكل تكامل الاصول

NDT QC/QA WELDING CORROSION ASSET INTEGRITY

DIAMOND SPONSORS

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CHAMPION SPONSOR

ORGANIZED BY

SUPPORT



NDT X EXPO  
2025

## Post - Event Report

NDT, Asset Integrity, Welding, and Corrosion  
International Exhibition & Conference

26-28 AUGUST

EGYPT INTERNATIONAL EXHIBITION CENTER





# Opening Ceremony

International innovators and leaders, to mark the beginning of a transformative exchange of ideas and technologies.



# Event Overview

**NDTX EXPO 2025** emerged as a premier international platform driving strategic dialogue on digital transformation, bringing together leaders, innovators, and stakeholders from across sectors to engage in high-impact discussions, share insights, and catalyze cross-sector collaborations!



# OVERVIEW

The NDT community connects here!

# EMPOWERING MINDS

## Unlocking Potentials, Pulse of Innovation

# TRANSFORMING

## NDT WELDING ASSET INTEGRITY



**Edition:** 2<sup>nd</sup> 2025

**Venue:** EIEC - New Cairo

**Duration:** Three days

**Frequency:** Annual

**Next Edition:** November 2026

The NDTX, is the region's dedicated exhibition and conference in Asset Integrity, Non-destructive Testing, Corrosion, and Welding. The show host regional & international leaders in industry, where the attendance will be global and regional that supply and provide inspection services and welding technologies. This exhibition brings for the first time in Egypt, experts who innovative, provide high-quality content with the latest topics in Industry.

A premier event for individuals and companies. It provides opportunities for learning, networking, and exposure to the latest technologies.

The NDT-X contributes to improving the national vision and attracting global experts. The first international exhibition and global platform to showcase the industrial inspection scene, non-destructive testing, integration and safety of industrial assets in Egypt for the Africa and Middle East region.

NDTX 2025 is held under the slogan "**Safer and Sustainable Energy and Industry Future**" with the participation of global manufacturers and suppliers, quality, and testing service providers, training, qualification & certification companies.

### ATTENDEES

The show gathers key industry players from Oil & Gas, Petrochemicals, Aerospace, Marine, Energy, Transportation, Power, Fabrication, Construction, and other related heavy industrial sectors.

From the entire region (Egypt, Algeria-Libya-Tunisia-Iraq-Saudi Arabia-UAE and some other African & Arab countries), with over 10,000 visitors expected from 500 organizations.

### Benefits & Value brought by the Expo

- Introducing modern technologies.
- Training and workshops for participants for NDT.
- Professional network of industry experts.
- Enhancing safety, quality: standards/requirements.
- Showcasing the latest solutions in the world.
- Industry: Helps companies improve their efficiency.

# NDTX EGYPT 2025



# Sectors Involved

- **Oil and Gas:**  
Production, refineries, and petrochemical.
- **Aviation:**  
Aircraft maintenance and inspection.
- **Marine:**  
Shipbuilding, repair, and maintenance.
- **Manufacturing:**  
Power, automotive, fertilizer, cement, fabrication, metal, steel, and mining industries.
- **Global and Regional**  
government bodies and industrial associations.



# EXHIBITION Highlights

## NDTX 2025

3-day featured exhibitions area that addressed critical areas of technological innovation.



# THANK YOU TO OUR PARTNERS & SPONSORS

## Key Participating Organizations

at NDTX 2025

### ORGANIZER



### INSPECTOR CHAMPION SPONSOR



### SUPPORTED PARTNERS



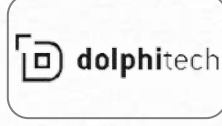
### DIAMOND SPONSORS



### GOLD SPONSORS



### EXHIBITORS





# CONFERENCE Highlights

## NDTX 2025

3-day agenda featured keynote speeches, panel discussions, and breakout sessions.



# Keynote Speakers DAY 1

NDT  
TECHNICAL CONFERENCE  
26 AUG

## OPENING & WELCOMING MESSAGE



**Eng. MOHAMED ABUFOUR**  
NDTX Technical Committee  
Chairman - Opening Speech  
Global NDT Consultant

**SESSION:** Empowering the  
Next Generation: Human-Led, AI-Enabled NDT



**Eng. Osama Kamal**  
NDTX Committee  
Opening Speech

Chairman of the Energy Committee of the Nation's Future Party.  
Former Minister of Petroleum and Mineral Resources.  
President of the Egyptian Society of Engineers



**Clyde May**  
ASNT President  
Opening Speech



**Eng. Essam El Nagar**  
GOEIC Chairman  
Opening Speech



**Dr. Sajeesh Babu**  
ICNDT Chairman  
Opening Speech

### PANEL TITLE

### AI impact on Sustainable and Safe Operations



**Christoph Siemer**



AI-based Inspection, Digitizing NDT Workflows and Assisting Data Analysis.

Co-Founder and MD Deepify

12:30 PM



**Mohammed Karim**



AI-Optimized Systems in NDT Real Scenarios and Analysis of Efficiency and with Human.

CEO - ApexFi

01:00 PM



**Bassam Ghareeb**



Integrated Methodologies for FFS of SS316 Tubes under Creep using API 579-1 and ML Technique  
CEO  
Elite Engineering

01:30 PM

### PANEL TITLE

### Asset Integrity and Sustainable Operations

Moderator



**Ahmed El Sherif**



Effective Asset Management

Asset Management & Reliability Depart. Head  
AMOC Egypt

03:30 PM



**Hesham Seddik**



Fitness for Service Calculation

GM - Engineering Asset Management  
AMOC Egypt

04:00 PM



**Raul Leon**



NDT and Materials Development & Research

CEO  
MBA-ASNT/NAS410 L.III  
Material Research & Tech.

04:30 PM



**Mohamed Gamil**



NDT Vs NII  
Advanced Inspection Techniques in Industry.

Asset Integrity Manager  
EMC

05:00 PM



**Puneet Peeyush**



In-Service Acoustic Emission NDT for Difficult App.

Vice President  
Arise Global

05:30 PM

**GROUP  
PANEL TIME**  
05:30 PM - 06:30 PM

Open Discussion

# Keynote Speakers

DAY 2



Sabri Baba



Automated & Ultrasonic Inspection for Pipelines and Utilities.

Advanced NDT Product mgr  
**Evident**

11:00 AM



Gareth Venter



Corrosion Lifting Solutions

GM  
**GNDT**

11:30 AM



Sepehr Hamzelou



Beyond the Surface: Cutting-Edge NDT for Steel Integrity

CEO  
**FOERSTER Middle East**

12:00 PM



Hatim Jefri



Risk-Based Inspection (RBI) on atmospheric storage tanks.

Inspection Engineer  
ARAMCO

12:30 PM



M. Dagastani



Technical Dept.  
ARAMCO



Ashraf Elwrfali



Implementing the RBI Program in the Libyan Oil & Gas

Libya  
BV

01:00 PM



Ahmed Mazloum



UT inspection 2D Matrix array for Non Metallic Materials.

BD Manager - MENA  
**Dolphitech**

01:30 PM

## PANEL TITLE

## A focus on Welding

WELDING Session by



Ramesh Shankaran



Welding Workforce Bridge the Skilled Manpower Gap

Regional Director  
AWS

03:30 PM



Payel Dutta



Tech.-enabled Learning for VET with Special Emphasis on Welding

Marketing & Communications.  
Asia, Africa & Oceania  
AWS

04:00 PM

## PANEL TITLE

## DR



Pasquale Orlo



Case study of Flexible Digital Detector Array's on Pipeline Welds

Carestream



Islam Farouk



Egymst Egypt

04:30 PM

# Keynote Speakers

## DAY 3

NDT  
TECHNICAL CONFERENCE  
28 AUG



**Abdelmonem Elmoselhy**



NDT inspection of composite materials in aerospace

NDT Former GM  
Egypt Air

11:00 AM



**Shang Ma**



Application of ACFM (Alternating Current Field Measurement)

GM  
LUKE NDT

11:30 AM



**Yasir Nassrullah**



Enhanced Oil & Gas Inspection with Infrared Thermography

Tiqanyeat El Taqdim Tech. Mgr  
ASNT Iraq President

12:00 PM



**Dmitry Kleptov**



The Evolution of Radiography: From Film to Digital

Regional Manager  
**Dr System**

12:30 PM



**Salah Al-Zahrani**



Deadleg's Challenges and Inspection Solutions in piping System

Inspection Dept.  
**Aramco**

01:00 PM



**Keith Vine**



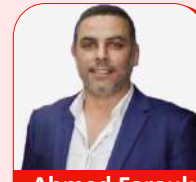
Combining Long and Short Range Guided Wave – application for large diameter pipes

Guided Ultrasonics



Egymst

01:30 PM



**Ahmed Farouk**



**Dares Mohamad**



Understanding How Process Changes Impact Corrosion Rates with Installed UT sensors

BD Manager  
**Eddyfi**

03:30 PM



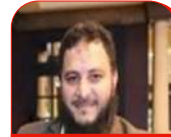
**Talaat Haggag**



Positive Material Identification

NDT Manager  
**Former CORC**

04:00 PM



**Ahmed Salem**



AI in predictive maintenance

PM Dept. Head  
**EMC**

04:30 PM



**Hamed A. Aleem**



Replica Testing Prof. of Materials, Welding and Failure Analysis

**CMRDI & TWF**

05:00 PM

# NDTX EXPO CHAMPIONSHIP

# COMPETITION ZONE

## INSPECTOR'S CHAMPION

The **Inspectors Competition** at NDTX brings together top talent in Non-Destructive Testing (NDT) from across the nation.

PARTICIPANTS will demonstrate precision, technical knowledge, and interpretation skills across various testing methods.

This competition highlights the critical role of inspectors in ensuring structural integrity, safety, and compliance across industries.

### Why it matters:

By showcasing the capabilities of skilled inspectors, the competition elevates standards, encourages best practices, and promotes innovation in NDT methodologies – making it a key attraction for industry professionals, educators, and technology providers.

### Inspector's Competition Sponsor



## WELDER'S CHAMPION

The **Welders Championship** at NDTX brings together top talent in Welding from across the nation.

PARTICIPANTS will be evaluated on weld quality, safety practices, and adherence to specifications and codes.

This high-skill competition underscores the essential role of welders in infrastructure, manufacturing, Oil & Gas, energy, and defense.

### Why it matters:

By spotlighting welding excellence, the event fosters pride in skilled trades, encourages workforce development, and connects talent with industry leaders. It also serves as a live demonstration of how precision and expertise directly impact quality and safety in engineering.

### Welder's Competition Sponsor





# NDT Competition Highlights

Championship Sponsors



American Welding Society



The American Society for Nondestructive Testing

# Welding Competition Highlights



# NDTX FIGURES

## SPECIALIZED IN

- Non Destructive Testing,
- Industrial Inspection,
- Certifications & Training,
- Asset Integrity,
- Quality Control & Assurance,
- Material & Lab Testing,
- Welding,
- Corrosion,
- Mechanical Repair, and Maintenance,
- Lifting, Underwater, Rope Access,
- Safety, and Environmental.

## EXHIBITORS PROFILES

- NDT Tools Manufacturers & Suppliers,
- Asset Integrity Management Services,
- Inspection, and testing Solutions,
- Coating tech. and Solutions,
- Welding tech. and Solutions,
- Corrosion Protection,
- Safety & environmental measurements,
- Training and Qualification,
- Maintenance, and Repair.

## VISITORS & DELEGATES

Egypt, Algeria, Libya, Tunisia, Iraq, Saudi Arabia, UAE, African and Arab countries.

## INDUSTRIES & SECTORS

- **Oil and Gas:** Production, refineries, and petrochemical.
- **Aviation:** Aircraft maintenance and inspection.
- **Marine:** Shipbuilding, repair, and maintenance.
- **Manufacturing:** Power, automotive, fertilizer, cement, fabrication, metal, steel, and mining industries.
- **Global and Regional** government bodies and industrial associations.

## VISITORS PROFILES

- Asset Integrity & NDT Managers,
- Government Representatives,
- Industrial Association Leaders,
- Maintenance and Repair Specialists,
- Plant Managers,
- Inspection Specialists,
- Welding & Corrosion Specialists,
- Technical service providers,
- Procurement Managers,
- Project Managers,
- QA/QC Managers,
- Field Inspectors,
- Construction Project Managers,
- R&D Project Leaders,
- Health, Safety, and Environmental (HSE) Professionals.

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