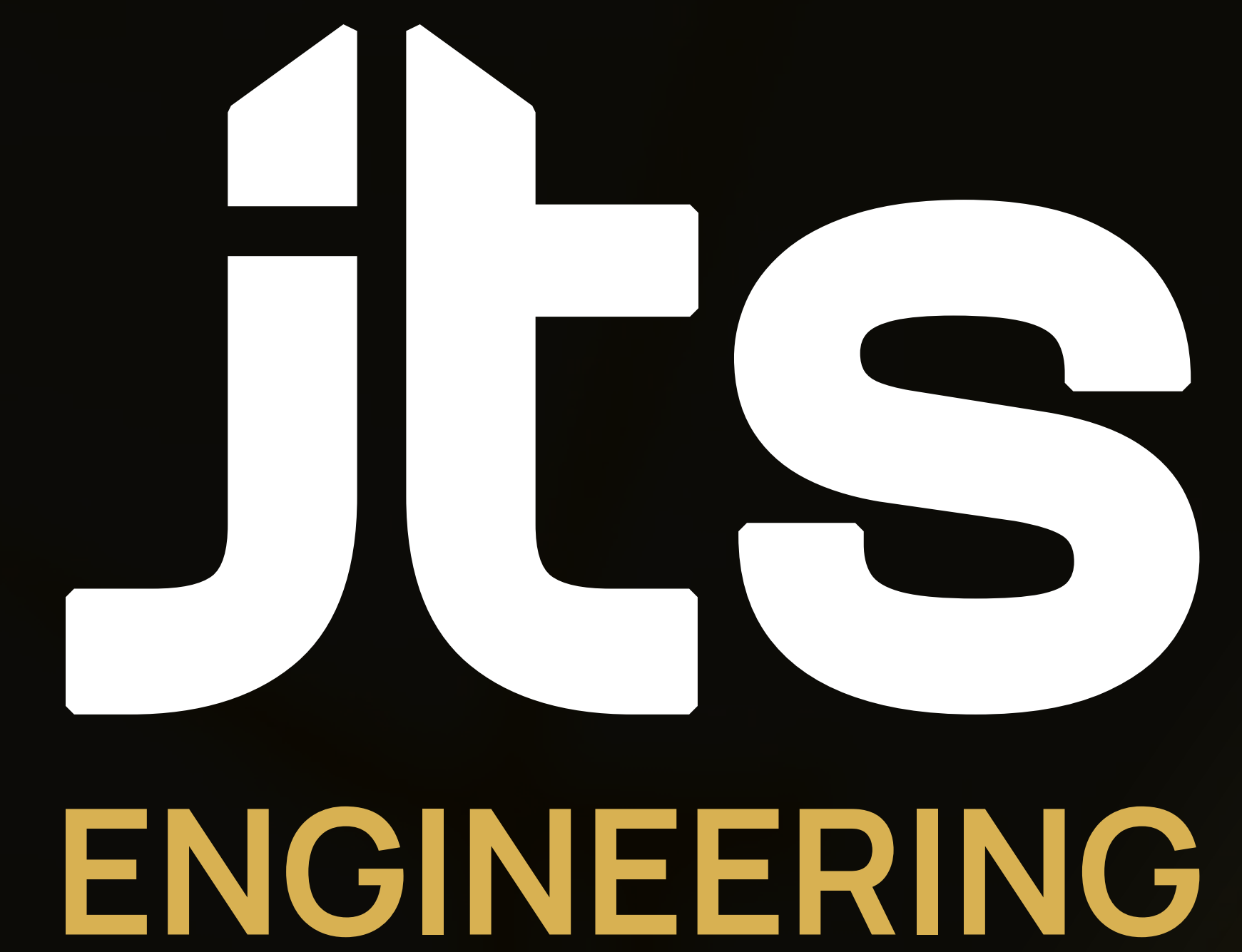




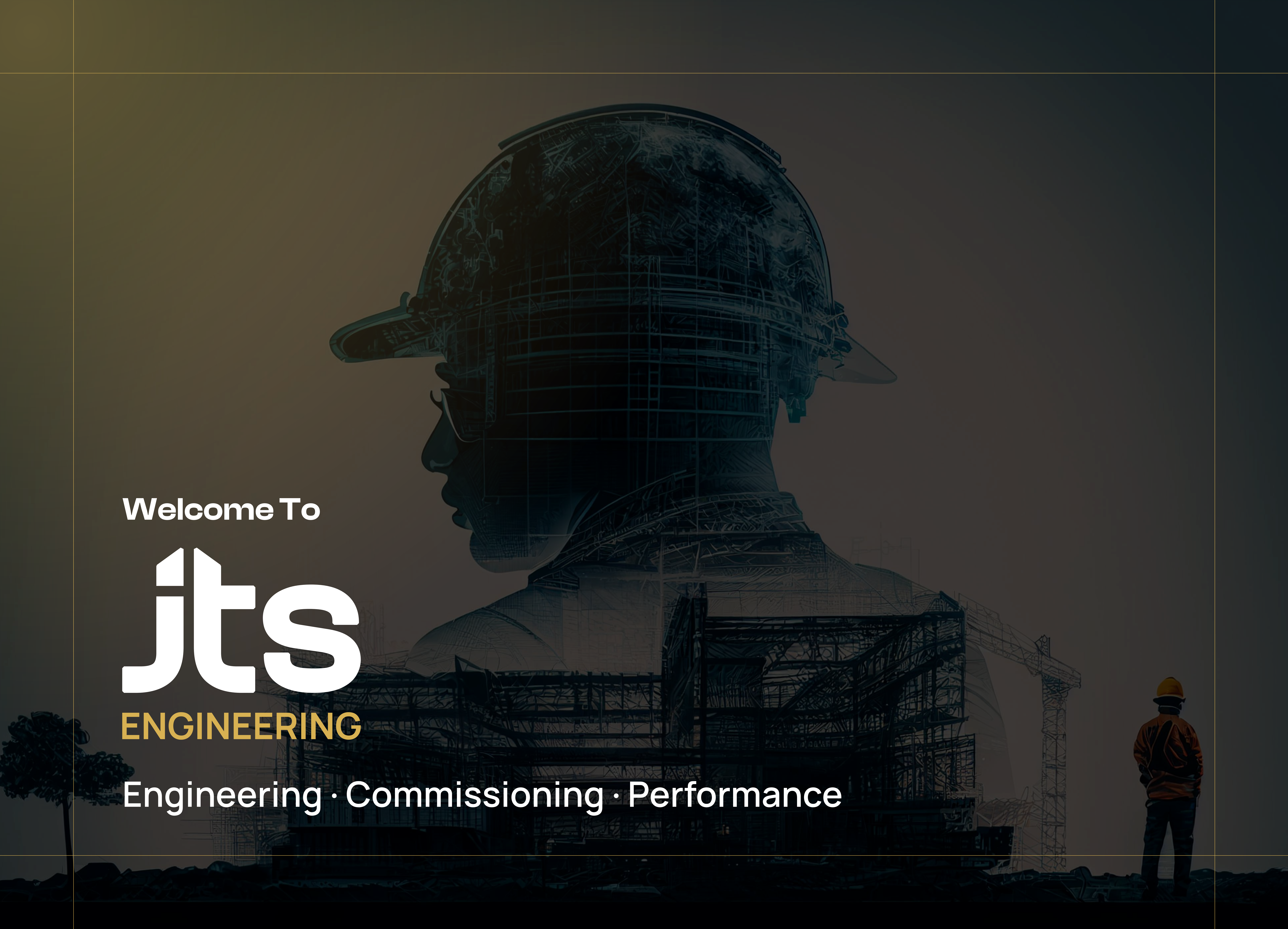
Engineering. Commissioning. Performance.

Independent Technical
Assurance Across
Complex Building Systems
UAE | GCC

Formerly known as
JEDI Technical Services

2026





Welcome To

jts
ENGINEERING

Engineering · Commissioning · Performance



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About Us

JTS Is An Engineering-Led Commissioning And Performance Verification Firm Delivering Independent Technical Assurance Across Complex Building Systems.

Established In 2016 In The United Arab Emirates, JTS Supports Developers, Consultants, And Contractors By Verifying That Building Systems Are Designed, Installed, Tested, And Operating In Full Alignment With Approved Design Intent, Applicable Standards, And Operational Objectives.

We Bridge The Gap Between Engineering Design And Real-World Performance.

Backed By More Than 20 Structured TAB Teams And Centralized Engineering Oversight, JTS Has Successfully Delivered Over 200 Projects Across The UAE And GCC, Spanning High-Rise Towers, Healthcare Facilities, Hospitality Developments, Government Assets, Residential Communities, And Infrastructure Works.

Our Focus Is Measurable System Performance, Reduced Technical Risk, And Operational Readiness.

Our Vision

To Be A Recognized Engineering And Commissioning Authority Across The GCC, Known For Technical Rigor, Independent Verification, And Performance-Driven Outcomes.

Our Purpose

To Provide Structured, Independent Engineering, Commissioning, And Performance Services That Reduce Technical Risk, Validate System Integration, And Ensure Buildings Operate Safely, Efficiently, And In Alignment With Design Intent.

Our Core Values

Technical Rigor

Disciplined Engineering Methodologies And Defensible Testing Procedures.

Independence

Objective Third-Party Performance Verification.

Clarity Of Process

Structured, Transparent, And Auditable Documentation.

Clarity Of Process

Structured, Transparent, And Auditable Documentation.

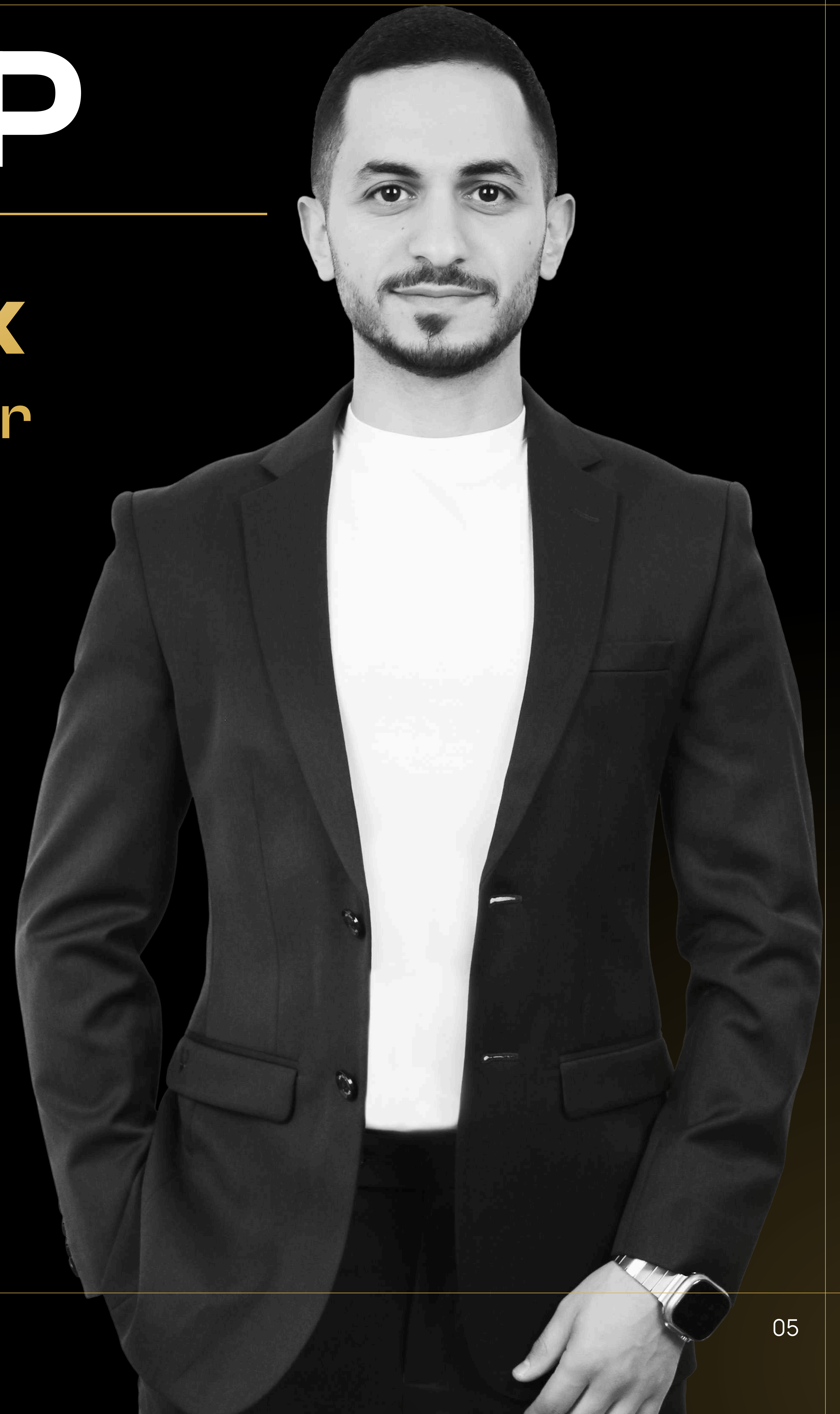
LEADERSHIP

Maher Omar Al Turk

Founder & Chief Executive Officer

P.E., NEBB CP, CEM, LEED GA, ASCS, ATTMA

- PhD Research Candidate – Energy & Sustainability
- Master's Degree in Mechanical Engineering
- Licensed Professional Engineer (Texas, USA)
- NEBB Certified Professional – Commissioning & TAB
- Certified Energy Manager
- NADCA ASCS-12775386 -Air Systems Cleaning Specialist
- LEED Green Associate - 11604323
- Air Tightness Testing and Measurement Association - ATTMA-16335

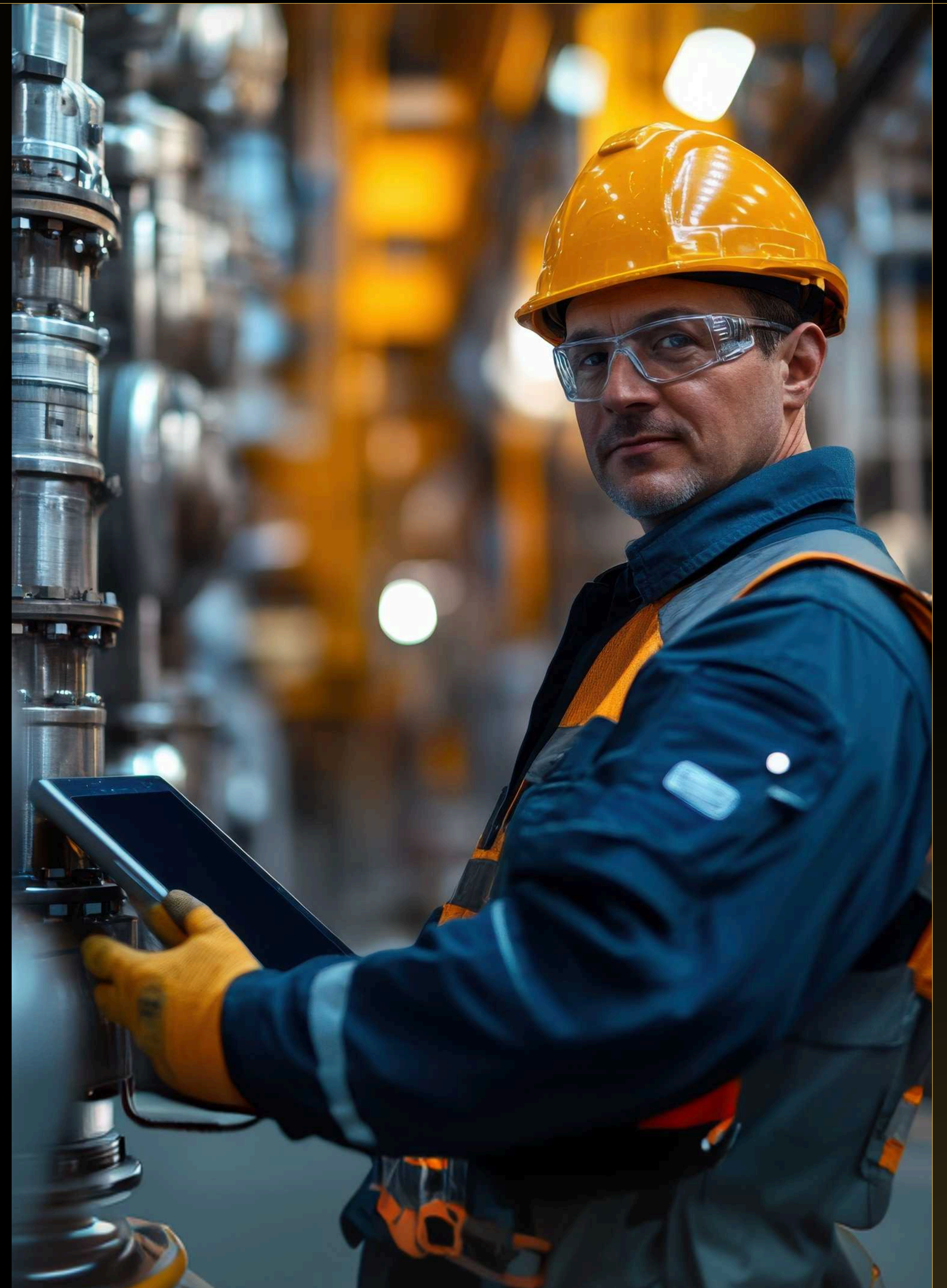


Why JTS Engineering

Choosing a commissioning and performance firm is about trust, precision, and technical depth.

JTS Delivers:

- Engineering-Led Project Oversight
- Independent Commissioning Authority Capability
- 20 Dedicated TAB Teams
- 200+ Completed Projects
- Multidisciplinary Performance Services
- Structured 5-Stage Methodology



CORE STRENGTH

ENGINEERING REVIEW & CONSULTANCY

JTS Extends Beyond Field Verification Into Structured Engineering Advisory Services.

Services Include:

- Design Peer Reviews (MEP & Electrical)
- Commissionability Assessments
- Technical Due Diligence
- Code And Compliance Verification
- Energy Performance Assessments
- Measurement & Verification (M&V)
- Asset Diagnostics And Root Cause Analysis



CORE STRENGTH

SYSTEMS COMMISSIONING & INTEGRATION

JTS Provides Independent Commissioning Services To Verify That Building Systems Are Installed, Integrated, And Operating In Accordance With Approved Design Intent.

Services Include:

- Independent Commissioning Authority (CxA)
- Commissioning Planning And Management
- Pre-Commissioning Inspections
- Functional Performance Testing
- Integrated Systems Testing (IST)
- Re-Commissioning & Retro-Commissioning
- Seasonal And Deferred Commissioning
- Commissioning Documentation & Handover Support

CORE STRENGTH

ELECTRICAL & POWER SYSTEMS TESTING

JTS Provides Comprehensive Electrical Testing Services To Verify Safe And Compliant System Operation Prior To Energization And Handover.

Services Include:

- HV, MV, And LV Testing And Commissioning
- Protection Relay Testing (Primary & Secondary Injection)
- Earthing And Lightning Protection Testing
- Insulation Resistance And Dielectric Testing
- Power Quality Analysis
- Electrical Thermography
- Electrical Safety Audits



CORE STRENGTH

HVAC TESTING, ADJUSTING & BALANCING (TAB)

Testing, Adjusting & Balancing Is A Core Strength Of JTS.

We Maintain More Than 20 Structured TAB Teams Operating Under Centralized Engineering Supervision, Delivering Accurate Air And Hydronic System Balancing Across Complex Developments.

Our TAB Services Include:

- Air Distribution Balancing
- Hydronic Balancing (Chilled Water, Condenser Water, Hot Water)
- Fan And Pump Performance Verification
- Differential Pressure Validation
- Ventilation Rate Verification
- HVAC System Capacity Confirmation
- Support For Functional Performance Testing



CORE STRENGTH

HVAC & INDOOR ENVIRONMENTAL QUALITY

Beyond Balancing, JTS Provides Advanced HVAC Performance Services To Verify Indoor Environmental Quality And System Stability.

Services Include:

- HVAC Commissioning And System Validation
- Indoor Air Quality (IAQ) Assessments
- Thermal Comfort Evaluations
- Ventilation Effectiveness Studies
- Acoustic Performance Studies
- CFD Airflow Modeling And Simulation
- Duct Hygiene Verification And Post-Cleaning Inspection



METHODOLOGY

JTS Follows A Structured Five-Stage Performance Framework:

1. Planning & Technical Review
2. Site Verification & Readiness
3. Testing & Performance Validation
4. Optimization & Deficiency Management
5. Final Verification & Handover Support

This Methodology Ensures:

- ✓ Compliance With Design Intent
- ✓ Reliable System Integration
- ✓ Energy-Efficient Operation
- ✓ Authority-Ready Documentation
- ✓ Reduced Operational Risk

jts
ENGINEERING

OPERATIONAL CAPACITY

Scalable Field Execution With Engineering Control

To Provide Structured, Independent Engineering, Commissioning, And Performance Services That Reduce Technical Risk, Validate System Integration, And Ensure Buildings Operate Safely, Efficiently, And In Alignment With Design Intent.

Our Operational Structure Includes:

- 20 Structured TAB Teams
- Dedicated MEP Commissioning Engineers
- Electrical Testing Specialists
- QA & Documentation Control Support
- Centralized Technical Supervision

This Structure Enables:

- Parallel Project Execution
- Multi-Tower Deployment
- Fast-Track Commissioning
- Phased System Handovers
- Controlled And Auditable Reporting



Iconic Projects



Premier Inn Hotel- Al Jaddaf

Location: Dubai-UAE

Year: Premier Inn

Client / Developer: Independent Commissioning Authority (CxA)

Consultant: ARCHGROUP CONSULTANTS INTERNATIONAL

Scope Of Services: Independent Commissioning Authority (CxA)



LA RESERVE

Location: Dubai-UAE

Year: 2024

Client / Developer: Swiss Property Development LLC

Consultant: Lacasa Architects And Engineering Consultants

Scope Of Services: Testing, Adjusting & Balancing (TAB)



AL AIN ZOO

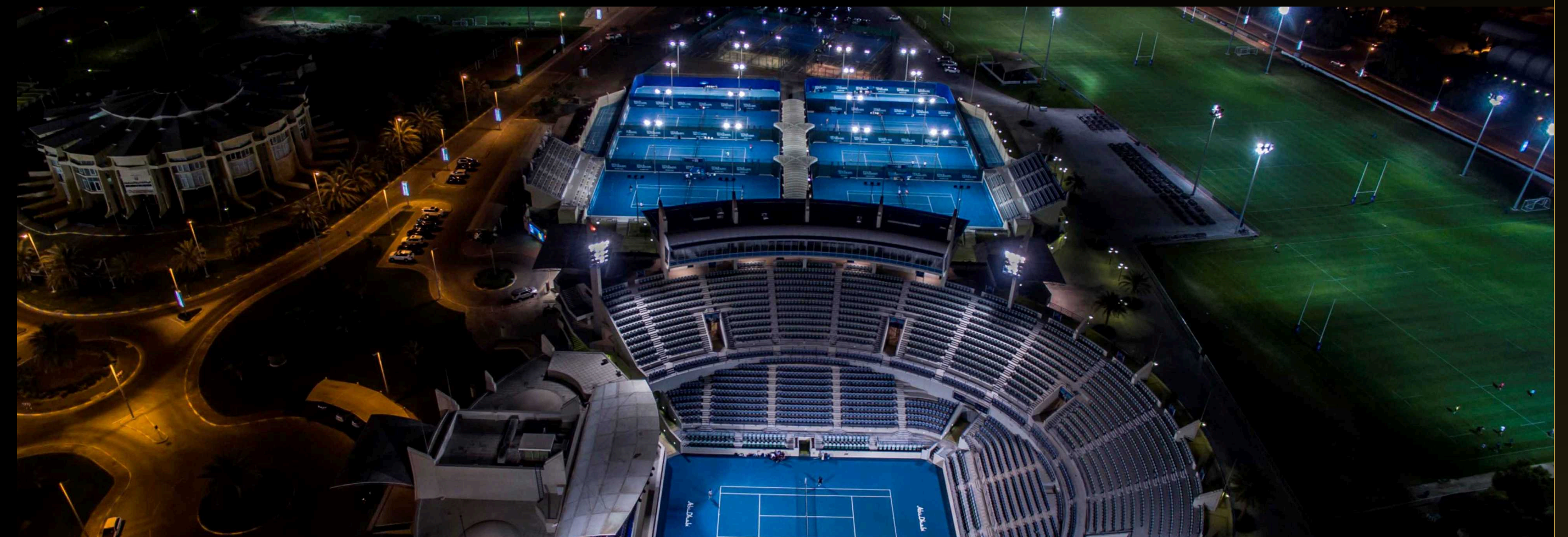
Location: Al Ain-UAE

Year: 2025

Client / Developer: Zoo And Aquarium Public Institution In Al Ain (ZAPIA)

Consultant: GHD UAE | Engineering, Architecture & Construction Services

Scope Of Services: MEP Systems Commissioning



Zayed Sports City

Location: Abu Dhabi-UAE

Year: 2021

Client / Developer: Zayed Sports City

Consultant: Zayed Sports City

Scope Of Services: Retro-Commissioning

Iconic Projects



DHL-Airport Gateway & Logistic Center In ADIA

Location: Abu Dhabi-UAE

Year: 2022

Client / Developer: Middle East General Enterprises (MGE)

Consultant: Wanders Werner Falasi Consulting Architects

Scope Of Services: 1. Testing, Adjusting & Balancing (TAB)
2. Air Duct Cleaning And HVAC Hygiene Services



Development Of The UAE Plant Genetic Resources Center

Location: Al Ain-UAE

Year: 2021

Client / Developer: Environment Agency - Abu Dhabi

Consultant: Dorsch Consult

Scope Of Services: 1. Testing, Adjusting & Balancing (TAB)
2. Building Envelope & Façade Performance Testing



ECO1- Three Ton Vegetable Farm

Location: Dubai-UAE

Year: 2022

Client / Developer: Emirates Flight Catering - Crop One

Consultant: Bradbrook Consulting

Scope Of Services: HVAC Commissioning And System Validation



Gulf Data Hub Center Facilities Building 4 At DSO

Location: Dubai-UAE

Year: 2023

Client / Developer: Gulf Data Hub (GDH)

Consultant: SUDLOWS Consulting

Scope Of Services: Testing, Adjusting & Balancing (TAB)

Iconic Projects



Fujairah International Airport

Location: Fujairah-UAE Year: 2022

Client / Developer: Abu Dhabi Airports

Consultant: Hill International

Scope Of Services: Testing, Adjusting & Balancing (TAB)



SAADIYAT LAGOON

Location: Abu Dhabi-UAE Year: 2026

Client / Developer: Al DAR

Consultant: KEO International Consultants

Scope Of Services: Testing, Adjusting & Balancing (TAB)



Riviera, MBR City

Location: Dubai-UAE Year: 2022

Client / Developer: Azizi

Consultant: 360 Degrees Architectural Design Consultancy

Scope Of Services: Testing, Adjusting & Balancing (TAB)



DESIGN AND BUILD - SOUTH BAY RESIDENTIAL DISTRICT

Location: Dubai South Year: 2025

Client / Developer: Dubai South

Consultant: DYNAMIC DESIGN STUDIO

Scope Of Services: 1. HVAC Commissioning And System Validation
2. Testing, Adjusting & Balancing (TAB)

Iconic Projects



Marina Mall

Location: Abu Dhabi-UAE

Year: 2025

Client / Developer: National Investment Corporation (NIC)

Consultant: Marina Mall

Scope Of Services: Retro-Commissioning



AL HAMIRIYAH SCHOOL

Location: Sharjah-UAE

Year: 2025

Client / Developer: Presidential Court

Consultant: Makan Consulting Engineers

Scope Of Services: Testing, Adjusting & Balancing (TAB)



KIZAD HQ

Location: Abu Dhabi-UAE

Year: 2024

Client / Developer: AD Ports Group

Consultant: Bainona Engineering Consultancy

Scope Of Services: MEP Systems Commissioning



Jewel Of The Creek- A2 & A3, C-1, D-3

Location: Dubai-UAE

Year: 2023, 2026

Client / Developer: Dubai Investment / WASL

Consultant: Al Hashemi Planners, Architects, Engineers

Scope Of Services: Testing, Adjusting & Balancing (TAB)

Iconic Projects



Fish Market At Fisherman's Wharf, Mina Zayed

Location: Abu Dhabi-UAE

Year: 2024, 2025

Client / Developer: Modon Holding

Consultant: 1. Ian Banham & Associates Consulting Engineers 2. Hill International

Scope Of Services: 1. MEP Systems Commissioning
2. Testing, Adjusting & Balancing (TAB) 3. Duct Air Leakage Testing



Jotun Regional Headquarters And R&D Centre

Location: Dubai-UAE

Year: 2023

Client / Developer: Jotun

Consultant: Arcadis

Scope Of Services: 1. HV, MV, And LV Testing And Commissioning
2. Testing, Adjusting & Balancing (TAB)Pendent Commissioning Authority (CxA)



Premier Inn Hotel- Al Jaddaf

Location: Dubai-UAE

Year: 2024

Client / Developer: Ministry Of Energy & Infrastructure Emirates Health Services

Consultant: Skoon Architecture

Scope Of Services: Testing, Adjusting & Balancing (TAB)



K1 Tower

Location: Dubai-UAE

Year: 2024

Client / Developer: MBL ROYAL

Consultant: NATIONAL ENGINEERING BUREAU - NEB

Scope Of Services: Testing, Adjusting & Balancing (TAB)

Iconic Projects



PARAGON BY IGO

Location: Dubai-UAE Year: 2024

Client / Developer: IGO

Consultant: Next Engineering Consultants

Scope Of Services: 1. Testing, Adjusting & Balancing (TAB)
2. Duct Air Leakage Testing



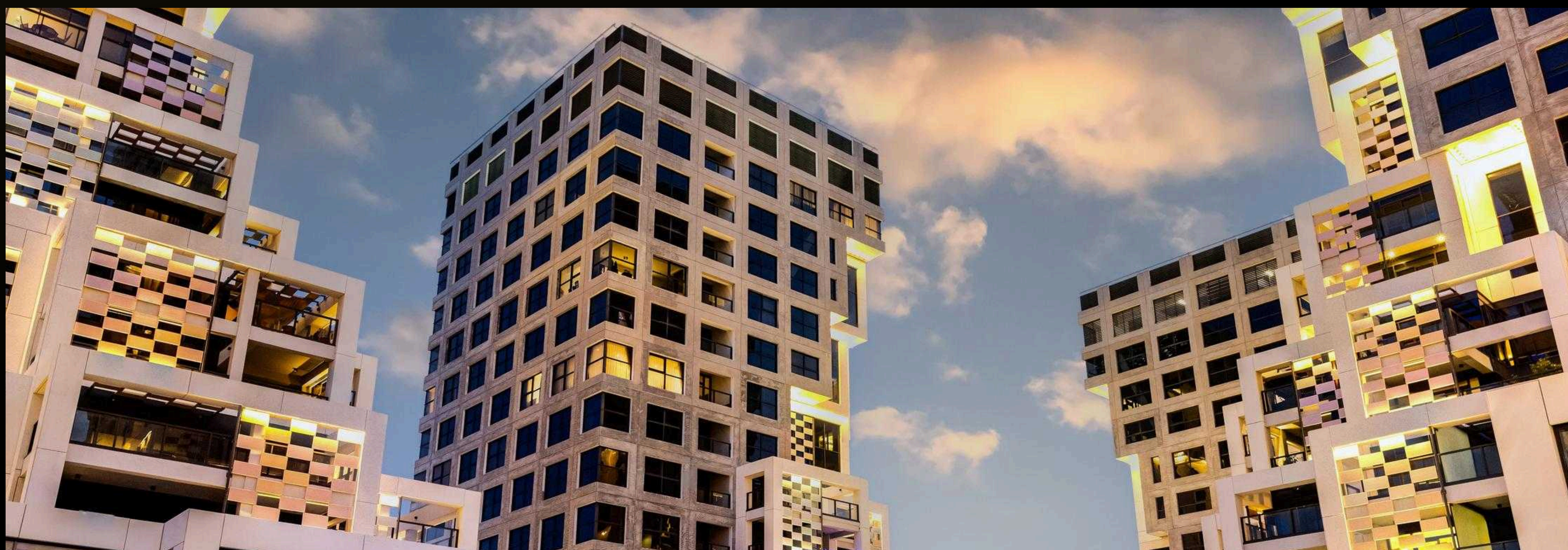
SAUDI GERMAN HOSPITAL-DUBAI

Location: Dubai-UAE Year: 2022, 2026

Client / Developer: Saudi German Hospital

Consultant: Saudi German Hospital

Scope Of Services: 1. Testing, Adjusting & Balancing (TAB)
2. MEP Systems Commissioning
3. Electrical Systems Testing & Power Performance



THE MAKERS DISTRICT PROJECT

Location: Abu Dhabi-UAE Year: 2022

Client / Developer: IMKAN

Consultant: Ramboll

Scope Of Services: Testing, Adjusting & Balancing (TAB)



THE ADDRESS GRAND CREEK HARBOUR

Location: Dubai-UAE Year: 2023

Client / Developer: Emaar Properties

Consultant: Atkins

Scope Of Services: Smoke System Effectiveness Assessments

Iconic Projects



AYKON CITY TOWER C

Location: Dubai-UAE Year: 2022

Client / Developer: DAMAC

Consultant: Lacasa Architects And Engineering Consultants

Scope Of Services: Testing, Adjusting & Balancing (TAB)



WATERFRONT RESIDENTIAL TOWERS C105

Location: Abu Dhabi-UAE Year: 2022

Client / Developer: Link International Properties

Consultant: Ewan Architectural & Engineering Consultancy

Scope Of Services: 1. Chilled Water Flushing Systems
2. MEP Systems Commissioning



J ONE

Location: Abu Dhabi-UAE Year: 2024

Client / Developer: Dar Global

Consultant: Khatib & Alami

Scope Of Services: Testing, Adjusting & Balancing (TAB)



S243: DUBAI CREEK HARBOUR DEVELOPMENT

Location: Dubai-UAE Year: 2022

Client / Developer: Emaar Properties

Consultant: U+A Consultants

Scope Of Services: Testing, Adjusting & Balancing (TAB)

Our Success Partners

Government Entities



Developers

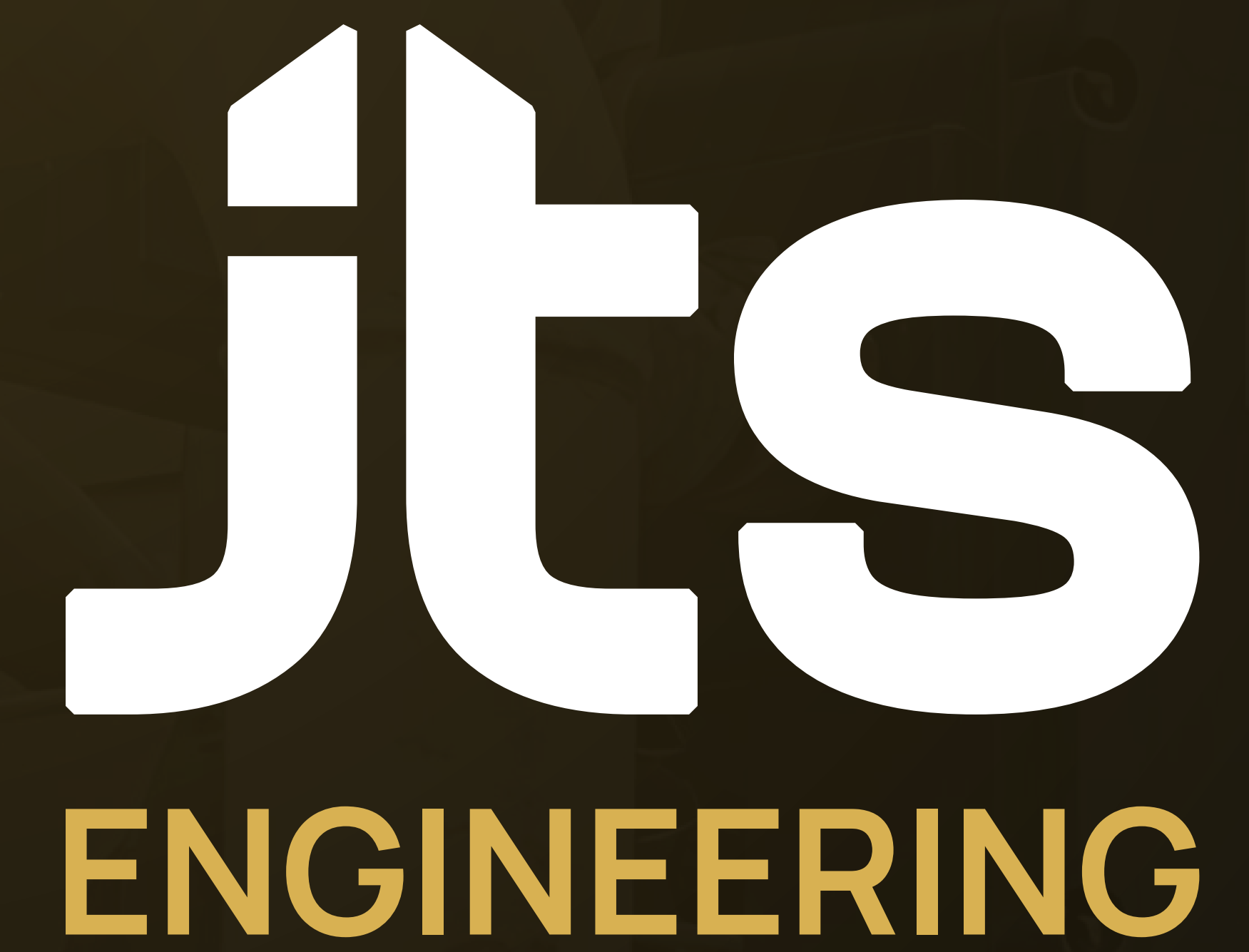


Consultants



Contractors





Engineering Confidence Into Performance

20

TAB Teams

200+

Projects Delivered

Engineering-Led Oversight

Dubai, United Arab Emirates

Serving UAE & GCC

Contact Details

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