



**We specialize in  
making your building  
sustainable**

**CTI - MEP Testing and Comissioning**

DUBAI - P.O.BOX: 3987

Al Qusais - Al Noor Building - Office 408

T: +971 4 283 6645

Mob: +971 50 535 0835

Email: [info@ctitechnical.com](mailto:info@ctitechnical.com)

Web: [www.ctitechnical.com](http://www.ctitechnical.com)



## INTRODUCTION

CTI is a leading independent Testing and Commissioning company in the Middle East, renowned for providing comprehensive technical services to our clients. Our commissioning team consists of fully qualified, experienced engineers and specialists who are dedicated to delivering truly independent services.

We conduct our testing and commissioning services in strict accordance with the following Commissioning Codes of Practice:

- Commissioning Specialist Association (C.S.A)
- Chartered Institute of Building Services Engineers (C.I.B.S.E)
- Building Services Research and Information Association (B.S.R.I.A)
- American Society of Heating, Refrigerating and Air Conditioning Engineers (A.S.H.R.A.E)
- Associated Air Balancing Council (A.A.B.C)
- National Environmental Balancing Bureau (N.E.B.B)

# PROVIDED SERVICES

- MEP Commissioning Management
- HVAC Testing & Commissioning
- Electrical Testing & Commissioning
- Flushing & Chemical Cleaning
- Sound Level & Environmental Test
- Vibration Test
- Indoor Air Quality Test
- Duct Leak/Pressure Test
- Operating & Maintenance Manuals
- MEP System's Assessment Services
- Facility Maintenance

# MEMBERSHIP



**USGBC MEMBER**

**CTI TECHNICAL SERVICES**  
USGBC MEMBER SINCE JAN 11, 2025

ORGANIZATIONAL

is an active member of the U.S. Green Building Council, the foremost coalition of leaders working to transform the way buildings and communities are designed, built and operated. Our vision is that buildings and communities will regenerate and sustain the health and vitality of all life within a generation.

This membership was awarded on Jan 10, 2025.

*Peter Templeton*  
PETER TEMPLETON  
President & CEO

**LEED GREEN ASSOCIATE**

GREEN BUSINESS CERTIFICATION INC. CERTIFIES THAT

**Wael Jumaa**

HAS ATTAINED THE DESIGNATION OF

**LEED® Green Associate™**

by demonstrating the knowledge and understanding of green building practices and principles needed to support the use of the LEED green building program.

*Peter Templeton*  
PETER TEMPLETON  
PRESIDENT & CEO  
U.S. GREEN BUILDING COUNCIL & GREEN BUSINESS CERTIFICATION INC.

1156826-GREEN ASSOCIATE

07 DEC 2024

06 DEC 2026

Proud Member Since 02/01/2025 Member # 4922790

**Membership Certificate**

*Wael Jumaa*  
has been granted the grade of  
**Full Member**  
and is entitled to all the rights and privileges as provided by the Constitution and Bylaws of the Society.

As a member of ASHRAE Society, I comply with the ASHRAE Code of Ethics (www.ashrae.org/codeofethics)

**ASHRAE**

Secretary: *[Signature]* JEFF LITTLETON  
President: *[Signature]* BILL MCRAE  
Incorporated New York 1885

**MEMBERSHIP CERTIFICATE**

This is to certify that  
**Wael ali Jumaa**  
has been elected as a  
**CSA Commissioning Engineer**

**GRADE 4**

Member of the Association on  
01/01/2026 – 31/12/2026

MEMBERSHIP NO. 4203 CERTIFICATE NO. 74203789

**CSA COMMISSIONING SPECIALISTS ASSOCIATION** Commissioning Engineering

Given under our Signature

*[Signature]* CEO *[Signature]* CHAIRMAN

**CSA**

**NEBB Certification**

**WAE ALI JUMAA**

HAS MET ALL REQUIREMENTS FOR NEBB CERTIFIED TECHNICIAN STATUS IN THE FOLLOWING DISCIPLINE

**Testing, Adjusting and Balancing of Environmental Systems**

This Certificate, as well as individual affiliation with a NEBB Certified Firm and associated NEBB Certification Stamp are REQUIRED to provide a NEBB Certified Report. Participation in the NEBB Quality Assurance Program requires the Certificate be affiliated with a NEBB Certified Firm.

CT-22562

NEBB Certification Number  
December 31, 2026  
Expiration Date

*[Signature]* NEBB President  
*[Signature]* NEBB President-Elect

# OCCUPATIONAL HEALTH & SAFETY




  
**Highfield Qualifications**  
 Certifies that  
**Wael Ali Jumaa**  
 has successfully passed an assessment in  
**Highfield Level 3 International Award in  
 Emergency First Aid at Work and Use of an  
 AED**  
 Date of Assessment: 24 July 2025  
 Date of award: 24 July 2025  
 Certificate number: F48900064  

  
**SPEED WAY SAFETY**  
 TRAINING CENTRE  
 DGAS Permit No 115009  
 Speed Way Safety Training Centre  
 LLC  
 Training Organisation  
 This certificate is valid for 3 years from the date of award.  
  
 Richard Sprenger, Chairman  
 Highfield Qualifications  

  
**INTERNATIONAL QUALIFICATION**  
 by Highfield  
 A global leader for qualifications, assessment, digital solutions, innovative products, e-learning and customer service.  
 This is an electronic version of the certificate provided by Highfield. To verify this certificate please go to <http://www.highfieldqualifications.com/checkart>  
 ▲ Please fold here before tearing to avoid damaging your certificate ▲  


**SPEED WAY SAFETY TRAINING CENTRE L.L.C**

 مركز سيد واي للتدريب على  
 إجراءات السلامة.ذ.م.م  
**CERTIFICATE OF TRAINING**  
 This is to certify that  
**Wael Ali Jumaa**  
 Company Name : C T I TECHNICAL SERVICES L.L.C  
 has successfully completed awareness training course in  
**General Health & Safety**  
 Course Date: 24th July 2025  
 Expires on: 23rd July 2026  
  
 Director  
 Certificate No: 22330  
 KHDA Permit No: 60937  






  
 www.speedwaysafety.org, P.O. BOX : 78782, DUBAI, United Arab Emirates

# ISO 9001: 2015

  
**CERTIFICATE**  
 This is to certify that the Quality Management System of  
**CTI TECHNICAL SERVICES L.L.C**  
 Al Qusais Industrial Third, Al Noor Building, Office(408-A-04), Dubai, UAE.  
 has been assessed and found to conform to the requirements of  
**ISO 9001:2015**  
 This Certificate is valid for the following scope  
**MEP (Mechanical, Electrical and Plumbing) Services - Testing and  
 Commissioning**  
 Certificate No. :AMER33758  
 Original Issue Date :13/10/2025  
 Issue Date :13/10/2025 R0  
 Surveillance/ Expiry Date :12/10/2026  
 Recertification Date :12/10/2028  
  
 Director  
**AMERICO QUALITY STANDARDS REGISTECH PVT. LTD**  
 USA Office: 1603 Capitol Ave, Suite #402E, Majestic Building, Cheyenne, WY 82001  
 India Office: Office no 407, Commerce Center, Pimple Sandagar, Pune, 411027  

  
 For verification and updated information concerning the present certificate, please visit [www.americocert.com](http://www.americocert.com) The Certificate is valid for period of 3 years subject to satisfactory annual surveillance audit. This Certificate is the property of AMERICO Quality Standards Registech Pvt. Ltd. & shall be returned immediately when demanded.

# MEP Commissioning Management

CTI provide fully independent Commissioning Management Services, offering:

- Design Commissioning Assessment
- System Installation and Commissioning-Ability Assessment
- Review and Support in Preparation of Commissioning Method Statements
- Pre-Commissioning and Commissioning Test Witnessing and Verification
- Managing, Coordinating, and Verifying Commissioning Activities for Building Services Systems and Equipment
- Production and Updating of Commissioning Activity Sheets (CAS)
- MEP Systems Final Inspections Coordination

The commissioning company plays a critical role in building projects by providing independent input that ensures all systems perform optimally. The commissioning management brings all parties together, coordinating systems for startup and commissioning.

They schedule trades to ensure all interconnections and integrations are considered and incorporated into the startup process. Appointing a commissioning management at the design stage allows for reviewing each system's commissionability, value engineering, and maintainability of the design solution.



# HVAC Testing & Commissioning

The commissioning of building services is paramount to the success of any project, ensuring that system design and performance duties are achieved on every level. The experience and capabilities of our engineering staff fully meet these demands, and together with our unique training program, all types of commissioning projects fall within our wide range of expertise.

CTI is able to provide a complete, economical commissioning service for all types and sizes of building services systems. In this way, all aspects of building services commissioning can be coordinated and implemented as required. Our emphasis on positive management of commissioning ensures that we can provide an effective commissioning service within the agreed program and costs.

We naturally use CIBSE commissioning codes, BSRIA guidelines, and CSA guidelines to provide a code-guided service. The instrumentation used for testing and commissioning is regularly tested for accuracy and repeatability by the instrument manufacturers, and all instruments carry calibration certificates where necessary.

## Pre-Commissioning and Setting to Work

- Air Systems Balancing and Regulation
- Water Systems Balancing and Regulation
- VAV System Testing
- Performance Testing
- Temperature and Humidity Analyses
- Environmental Checks and Sound Level Readings
- Duct Leakage Test.



# Electrical Testing & Commissioning

CTI has the expertise and a team of specialist electrical technicians who perform cold and live testing of electrical services according to the IEE Regulations 18th Edition Standards. Our services include testing and commissioning of:

- LV Distribution
- Main Distribution Boards
- Sub-main Distribution Boards
- Motor Control Centers
- Distribution Boards



## AC CLEANING SERVICES:

Our AC Duct Cleaning Services are meticulously designed to enhance indoor air quality and optimize HVAC system performance. Beginning with a comprehensive assessment, we identify any contaminants and assess the condition of the ductwork. Prior to cleaning, we take thorough precautions to protect surrounding areas and ensure the safety of our technicians.

Using state-of-the-art equipment and environmentally friendly cleaning agents, we meticulously clean the ductwork, removing dust, debris, and mold buildup. Our sanitization process includes applying antimicrobial treatments to prevent future contamination and promote a healthier environment. Post-cleaning, we conduct a detailed inspection to confirm the effectiveness of our services and address any remaining concerns. Throughout the process, we maintain meticulous documentation, including before and after photos, inspection reports, and recommendations for ongoing maintenance.

By providing clean and well-maintained ductwork, we contribute to improved indoor air quality, reduced allergens, and prolonged HVAC system lifespan, ultimately creating a healthier and more comfortable indoor environment for our clients.



# DUCT LEAK / PRESSURE TEST



Our Duct Leak/Pressure Test procedure is a meticulous process designed to assess the integrity and efficiency of HVAC ductwork systems. Beginning with thorough preparation, we seal all duct openings to ensure accurate testing conditions.

Our experienced technicians conduct a comprehensive inspection of duct seams, joints, and connections, utilizing advanced tools such as smoke to identify air leakage points with precision. Any leaks detected are promptly repaired using appropriate duct sealing materials.

Throughout the process, we maintain meticulous documentation, preparing detailed reports that outline our test procedures, results, and any corrective actions taken. Additionally, we provide recommendations for optimizing the performance and efficiency of the duct system, further enhancing its functionality and longevity.

By adhering to stringent testing protocols and utilizing advanced techniques, our Duct Leak/Pressure Test procedure ensures that HVAC ductwork systems meet the highest standards of performance, energy efficiency, and indoor air quality



# Indoor Air Quality:

The quality of air within our working environment is extremely important ASHRAE following an extensive survey concluded that productivity can be improved by 10-25% by improving air quality. We provide air quality inspections to determine whether the property is suffering from Sick Building Syndrome (SBS) or Building Related Illness (BRI).

A building's air duct network act as its respiratory system. Dirt, dust, debris and microbial growth that accumulate inside of air ducts hidden from view and make it difficult for the building to (breathe) properly and function efficiently.



# CODES AND PRACTICES WE FOLLOW:

The American Society of Heating, Refrigerating and Air-Conditioning Engineers



The Building Services Research and Information Association; "BSRIA's engineering.



The Commissioning Specialists Association.



The National Environmental Balancing Bureau (NEBB)



The Chartered Institution of Building Services Engineers.



The LEED® (Leadership in Energy & Environmental Design) Green Building Rating System.



National Air Duct Cleaners Association (NADCA)



# PROJECTS



**PROJECT:**

YAS BAY BEACH – SECTOR YS2  
ABU DHABI – UAE

**CLIENT:**

MIRAL Asset Management L.L.C.

**CONSULTANT:**

Ellisdon Middle EAST

**CONTRACTOR:**

Tornado Enterprises



**PROJECT:**

KHORFAKKAN CORNICHE PHASE-2  
by SHUROOQ – SHARJAH – UAE

**CLIENT:**

SHUROOQ

**CONTRACTOR:**

Fast Building Contracting



**PROJECT:**

MIRFA MARINE REHABILITATION CENTER  
ABU DHABI – UAE

**CLIENT:**

Environment Agency

**CONSULTANT:**

Al Torath International Engineering  
Consultants LLC

**CONTRACTOR:**

Tornado Enterprises



# PROJECTS



**PROJECT:**

324 VILLAS - SHARJAH SUSTAINABLE CITY  
- PHASE 4 - SHARJAH - UAE.

**CLIENT:**

SHUROOQ | Diamond Developers.

**CONTRACTOR:**

Jeet Construction



**PROJECT:**

108 VILLAS IN AL SILA'A - ABU DHABI - UAE

**CLIENT:**

ALDAR

**CONSULTANT:**

KHATIB & ALAMI Consolidated  
Engineering Co

**CONTRACTOR:**

Emirates Technical Thermal Systems



**PROJECT:**

294 VILLAS IN "PARK GREEN" CLUSTER  
AT DAMAC HILLS 2 - DUBAI UAE

**CLIENT:**

DAMAC

**CONSULTANT:**

BHNS Engineering Consultants

**CONTRACTOR:**

Carawan Electrical & Mechanical Works



# PROJECTS



**PROJECT:**

MAHAWI CAMP ADMINISTRATION  
BUILDING P30 – ABU DHABI – UAE

**CLIENT:**

MUSANADA

**CONSULTANT:**

STANTEC

**CONTRACTOR:**

FIBREX MEP



**PROJECT:**

KALBA DIWAN AL AMIRY & KALBA  
DEPARTMENT OF CULTURE  
SHARJAH – UAE.

**CLIENT:**

Government of Sharjah

**CONSULTANT:**

Sarraj MEP Engineering Consultant

**CONTRACTOR:**

Fast Building Cont. Co. LLC



**PROJECT:**

ROCK ART – ARCHAEOLOGICAL CENTER  
KALBA – UAE

**CLIENT:**

Government of Sharjah –  
Department of Public Works

**CONSULTANT:**

Shape Architecture Practice + Research

**CONTRACTOR:**

Fast Building Contracting



# PROJECTS



**PROJECT:**

SUKOON & MUSEUM FACING BUILDINGS  
AL JADA, SHARJAH – UAE

**CLIENT:**

ALJADA Development | ARADA

**CONSULTANT:**

DAR (Design and Architecture bureau)

**CONTRACTOR:**

Al-Kharafi & Sons LLC |

Proton Electromechanical Contracting L.L.C



**PROJECT:**

DEIRA WATERFRONT ROXY CINEMA  
PLOT 7 – DUBAI, UAE

**CLIENT:**

ITHRA DUBAI

**CONSULTANT:**

DAR (Design and Architecture bureau)

**CONTRACTOR:**

Al Ghurair MEP



**PROJECT:**

CONSTRUCTION OF FIRE STATION IN  
JUBAIL ISLAND – ABU DHABI – UAE

**CLIENT:**

JUBAIL ISLAND INVESTMENT COMPANY

**CONSULTANT:**

APG (Architecture & Planning Group)

**CONTRACTOR:**

MAWARID AL SHARQ



# PROJECTS



**PROJECT:**

2 MOSQUES & 2 COMMUNITY CENTERS  
- JUBAIL ISLAND - ABU DHABI - UAE

**CLIENT:**

Jubail Island Investment Company

**CONSULTANT:**

APG Architecture & Planning Group

**CONTRACTOR:**

Mawarid Al Sharq Electromechanical



**NAD ALDHABI MOSQUE**



**SEEF AL JUBAIL MOSQUE**



**NAD AL DHABI COMMUNITY CENTER**



**SEEF AL JUBAIL COMMUNITY CENTER**



# PROJECTS



**PROJECT:**

ST. REGIS RESIDENCES – DUBAI – UAE  
(Duct Leakage Test) – DUBAI – UAE

**CLIENT:**

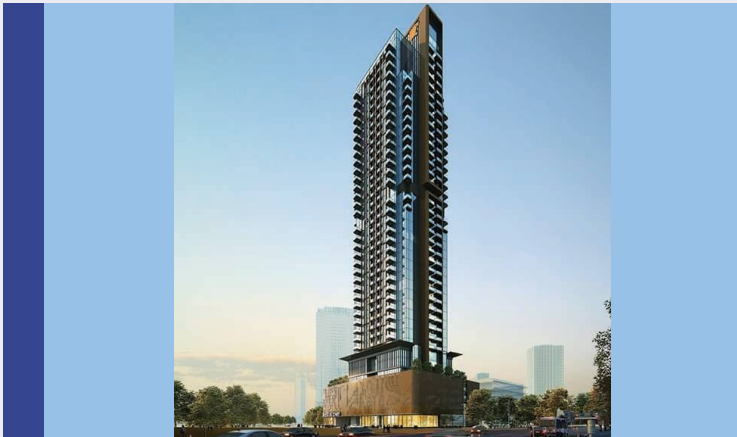
EMAAR

**CONSULTANT:**

MIRAGE

**CONTRACTOR:**

INNOVO BUILD



**PROJECT:**

B+G+4P+36F+R (SESLIA TOWER)  
COMMERCIAL RESIDENTIAL TOWER  
– DUBAI – UAE

**CLIENT:**

TIGER GROUP

**CONSULTANT:**

NEXT Engineering Consultants

**CONTRACTOR:**

Tiger International General Contracting



**PROJECT:**

G+P+10+R (AVENUE RESIDENCE 5  
BY NABNI) RESIDENTIAL TOWER  
DUBAI – UAE.

**CLIENT:**

NABNI DEVELOPMENTS

**CONSULTANT**

Design Center Architects & Engineers  
Consultants

**CONTRACTOR:**

Tiger International General Contracting



# PROJECTS



**PROJECT:**

TAJ DUBAI – BURJ KHALIFA STREET  
DUBAI- UAE

**CLIENT:**

TAJ HOTEL

**CONTRACTOR:**

IP INTERIOR



**PROJECT:**

UG/G+4P+17+R (NEVA Tower)  
Residential & Offices Building  
DUBAI – UAE.

**CLIENT:**

TIGER GROUP

**CONSULTANT:**

Kaizen Architectural & Engineering

**CONTRACTOR:**

Tiger International General Contracting



**PROJECT:**

2B+G+4P+1F+MECH+24TYPICAL+R  
(AI Tai Tower) RESIDENTIAL BUILDING  
DUBAI – UAE

**CLIENT:**

TIGER GROUP

**CONSULTANT:**

ACCESS Consult L.L.C

**CONTRACTOR:**

Tiger International General Contracting



# PROJECTS



**PROJECT:**

B+G+4P+28FLOOR+ROOF (Liliium Tower)  
RESIDENTIAL TOWER - DUBAI - UAE

**CLIENT:**

TIGER GROUP

**CONSULTANT:**

Al Khawaja Engineering Consultants [KWEC]

**CONTRACTOR:**

Tiger International General Contracting



**PROJECT:**

2B+G+4P+29F+R (Cloud Towers -  
Block A & Block B), Mixed Used  
Building on JVT - DUBAI - UAE.

**CLIENT:**

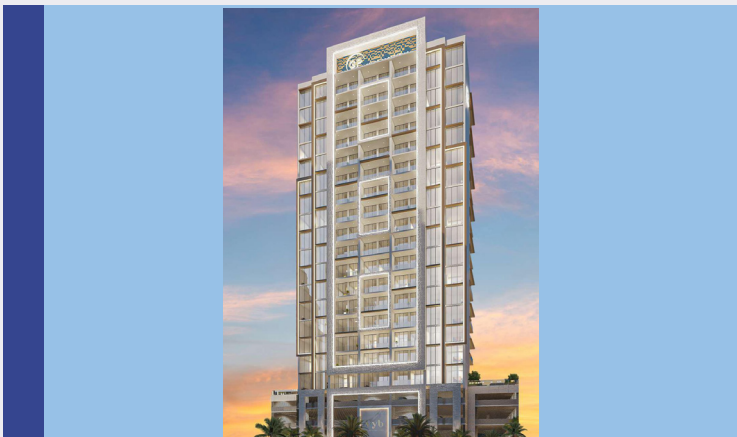
TIGER GROUP

**CONSULTANT:**

Altorath International Engineering Consultants

**CONTRACTOR:**

Tiger International General Contracting



**PROJECT:**

G+3P+17+R (GINCO PROPERTIES)  
RESIDENTIAL & COMMERCIAL TOWER  
DUBAI - UAE.

**CLIENT:**

GINCO Properties

**CONSULTANT:**

DATUM ENGINEERING CONSULTANTS

**CONTRACTOR:**

Carawan Electrical & Mechanical Works LLC





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