

*Committed to providing our Customers with leading edge
Inspection solutions that boost productivity and improve safety*



ULTRATECH
Engineering Consultants L.L.C



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Introduction

Ultratech Engineering Consultants LLC Company based in Abu Dhabi provide an independent third party inspection and safety training (HSE Training) services to evaluate your safety procedures and the overall safety of your job sites, to ensure that your operations are running at maximum efficiency, safety and quality.

Accreditations and Approvals

House of expertise certified by Abu Dhabi Civil Defense.

We are accredited by Emirates National Accreditation System (ENAS) as type (A) Inspection Body that meets the requirements of ISO/IEC 17020.

Registered by Abu Dhabi municipality.



Certified by:
ISO 9001 & ISO 14001 & OHSAS 18001

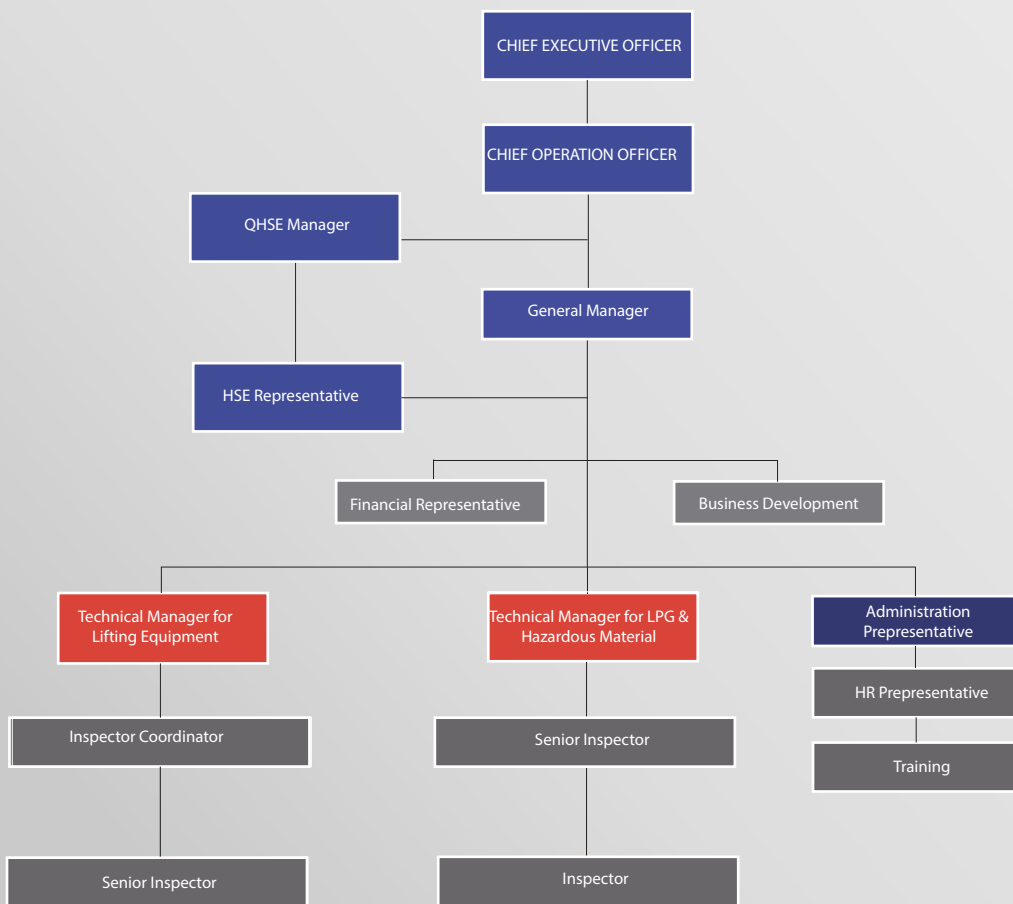
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Vision, Mission & Value

- We aim to be the most productive and service oriented company in the United Arab Emirates, Gulf region and the Middle East, with our core competence in providing independent safety Inspection and Training services.
- We deem our clients' business as our business and thus "their safety & satisfaction is our concern" to be the most compatible and to consistently deliver unmatched services to our valued clients.
- We are responsible for providing winning solutions based on both practical and innovative approaches, ensuring that the results we achieve, will support our vision to be world class in all we do.
- Maintaining the integrity of our company and ensuring continuous improvement of our management system.

COMPANY ORGANIZATION CHART



Why Ultratech?

- We are 100% Independent and Impartial.
- Deliver quality, cost effective and value added services to our customers.
- Complying with the regulatory and statutory requirements that are applicable to our field.
- We have competent, qualified, LEEA certified engineers. Along with sophisticated and most modern calibrated equipment's.
- Develop technical skills of staff.
- Ensure optimal performance and reliability of installations, equipment & processes.
- Responding to market needs by expanding & diversifying in various related fields.
- Reduce risk.
- Minimize maintenance costs.
- Protect incident.
- Secure a competitive advantage through certification.
- Direct access to key personnel.
- Competitive pricing.

Company Services

Ultratech Engineering Consultants LLC Offers a wide range of services to our clients.

With highly qualified and experienced professionals in its repository, services are broadly categorized but not limited to the following:

1-LPG & Hazardous Material Inspection Services

- Site Inspection and Conformity Certification for Gas Networks.
- NDT (Nondestructive Testing).
- Shop Drawing Review and Approval.
- Fixed Fuel Tank Inspections (Diesel, Petrol, Kerosene.....etc.).
- LPG Road Tanker Inspections.
- Chemical Storage Rooms Inspection.

2-Lifting Equipment & Earth moving machinery Inspection/Testing & Certification:

- All kind of Lifting Equipment.
- All kind of Lifting Gear & Accessories.
- Scaffolding Inspection.
- All kind of Earth Moving Machinery.
- Elevator & Escalator Inspection
- MEWP Inspection
- Cradle Inspection

3-Safety Training (HSE Training) and assessment

1. LPG & HAZARDOUS MATERIAL INSPECTION SERVICES

House of Expertise certified by Abu Dhabi Civil Defense, (License No.: 2016-1-145112).

Our services are required to attain official approval by Abu Dhabi Civil Defense and to ensure clients compliance to the rules and regulations.

Approved For Inspection and Certification of:

- New/Existing LPG system.
- Shell gauging of LPG tanks.
- Above Ground, Underground & Roof Storage Tanks and Cylinders (Flammable & Combustible)
- Shop drawings and material submittal review and approval for LPG systems.
- Food trucks.
- LPG Road Tankers and Hazardous Material Transport.
- C.N.G Road Tankers.
- Fixed Diesel Tanks.
- Storage facilities/warehouse containing hazardous materials (Diesel, Kerosene, HCl, H₂SO₄...etc.
- Compressed industrial gas storage system.

REFERENCES & STANDARDS:

- UAE FIRE AND LIFE SAFETY CODE OF PRACTICE
- NFPA 30
- NFPA 30A
- NFPA 54
- NFPA 58
- NFPA 385

Compliance to regulations is our task and safety, health and quality in all ventures is our mission.

Skilled Employees (certified with):

- Abu Dhabi Civil Defense certified Engineers.
- NFPA Members.
- Robust technical expertise.

Recognized Technical Expertise:

- Comprehensive inspection reports
- Through knowledge of regulations and standards
- Extensive markets knowledge

1.1 SITE INSPECTION AND CONFORMITY CERTIFICATION FOR GAS NETWORKS:

We offer site visits for new and existing systems to ensure their compliance with the current codes and regulations. The benefit of these inspections are to ensure your system is safely operating and within the regulation requirements.

The Inspection points are:

- Gas control panels
- Regulators
- Tanks and their appurtenances
- PRDP
- Piping
- Sprinkler systems
- Gas Detectors
- Pressure Gauges
- Temperature Gauges
- Vaporizers



EMIRATES PALACE



KHALIFA UNIVERSITY



HILTON R.A.K .



KHALDIYA MALL

1.2 NDT (NONDESTRUCTIVE TESTING):

We offer ultrasonic thickness gauging to determine the thickness of storage tanks and if they are within safety limits. The benefits of this test is ensuring that the tank thickness has not reached dangerous levels that may lead to leakage due to internal rust and corrosion.

With the Increasing demand in ensuring high degree of Excellence for the delivered product, Non Destructive Inspection is playing an ever growing role in this process. It significantly reduces the impact of breakdown by identifying the issues early in any process.

Over the year NDT has been proven tool to amplify the Quality of any product from Conception to Completion. Quality control of engineering products can be effectively done through Non Destructive Testing (NDT) methods.

We are happy to serve you for all your NDT needs with latest Equipment's, Machineries and highly Experienced Human Resource.

Ensure Quality Control requirements of your organization are always met through our Clinical Inspection procedures.

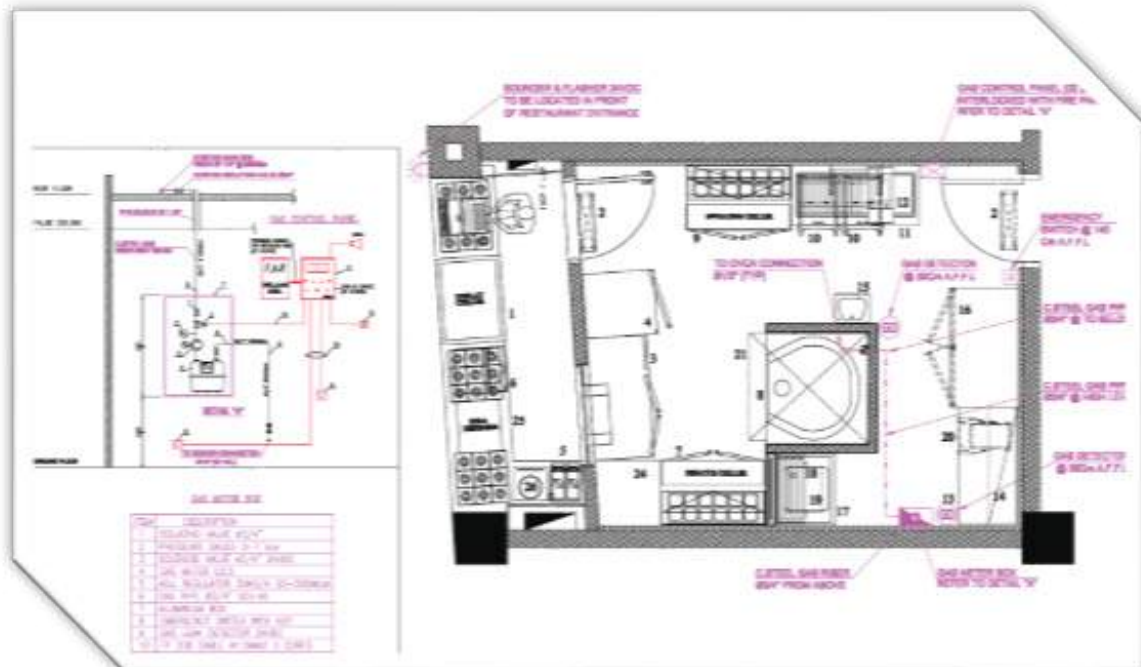


1.3 SHOP DRAWING REVIEW AND APPROVAL:

As a civil defense certified company we are authorized to review shop drawings and approve them as per local and international codes.

The scope of services include review of the following:

- Tank location and safety distances
- Filling line, equalizing line and filling point
- PRDP
- Vaporizers
- Piping
- Sprinklers
- Gas detectors
- Gas control panel



1.4 FIXED FUEL TANK INSPECTIONS (DIESEL, PETROL, KEROSENE...etc.):

We carry out fuel tanks site inspection that ensure the tanks are free from any fire hazards such as:

- Tank Thickness
- Dike Wall appropriateness
- Seals and fittings
- Suitable extinguishing measures
- Color coding
- Necessary labeling



1.5 LPG ROAD TANKER INSPECTIONS:

We carry out visual inspection that ensure the tankers are free from any fire hazards by the following methods:

- Leak test for the LPG appurtenances shall be conducted with soap solution or portable detector.
- Conduct pressure test with Nitrogen at 15 bar
- Ultrasonic thickness test for the LPG tank shall be conducted.
- Witness hydrostatic test for the hose
- Submit the inspection report with check list in Arabic and English to the Client for the submission of Civil Defense approval.



1.6 CHEMICAL STORAGE ROOMS INSPECTION:

This service is offered for the setup of a chemical storage room and its requirements as per local and international codes.

The service includes the following:

- Compatibility analysis
- Safe distances
- Overall design of storage rooms



CHEMICAL STORAGE

1.7 FOOD TRUCK LPG CYLINDER SYSTEM INSPECTION:

The service ensures your food truck is safe for use as per local and international standards.

This service includes:

- LPG cylinder location
- Gas network safety
- Gas detectors



2. LIFTING EQUIPMENT & EARTH MOVING MACHINERY INSPECTION/ TESTING & CERTIFICATION

Our Inspection Procedure consists of:

- Safety Requirement (Risk Assessment).
- Examination of Documents to ensure certification and review the previous Inspection and Maintenance reports.
- Visual Inspection / Dimensions Test.
- Carry out pre-examination operation test / Functional Test.
- A thorough examination of critical components.
- Load Test for Cranes and other lifting Equipment's.
- The Inspection will carried out according with legal regulations and international standards which is related to the inspection of the equipment.

Lifting Equipment's:

- Tower Crane.
- Mobile Crane.
- Haib Crane /Mounted Truck Crane.
- Crawler Crane.
- Overhead Traveling Crane.
- Gantry Crane.
- Monorail Crane.
- Construction Hoist.
- Forklift.
- MEWP (Man lift / Scissor Lift).
- Window Cradle / BMU.
- Chain Block, Lever Block and Chain Hoist.
- Vehicle Lift.
- Elevator & Escalator



Lifting Gear & Accessories

- Chain Sling.
- Wire Rope Sling.
- Webbing Sling.
- Shackle.
- Hooks.
- Eye bolt.
- Lifting Clamps.
- Lifting Beams.
- Jacks.
- Fall Arrestor.
- Man Basket / Material Bucket.





Lifting Gear & Accessories

Scaffolding Inspection:

Scaffoldings play a vital role in Construction and other fields where access to heights are required to carry out a job.

As these Structures possess potential hazards including:

- Collapse.
- Fall from Height.
- Electric Shock due to Connection with Over Head Lines. Etc.

ULTRATECH Engineers responsibly carries out the Third Party Inspection for different types of Scaffolds used in Construction and other Engineering Sectors.

Our Service includes the Inspection of following types of Scaffolding:

- Mobile Scaffolding.
- Fixed Scaffolding.



Earth Moving Machinery:

- Boom Loader
- Skid-Steer Loader
- Excavator
- Shovel Loader
- Backhoe Loader
- Telehandler
- Bulldozer
- Piling Rig Machine
- Dumper
- Grader
- Roller



3. HEALTH AND SAFETY TRAINING SERVICES

We Provide the below Courses:

1. Basic First Aid
2. Advanced First Aid
3. Basic Fire Fighting
4. Advanced Fire Fighting
5. Working at Height
6. Confined Space Entry
7. Rigging and Slings
8. Safe Scaffolding Erection and Dismantling (Basic)
9. Safe Scaffolding Erection and Dismantling (Advanced)
10. Safe Scaffolding Inspector
11. Electrical Safety
12. Chemical Safety
13. Hazard Identification and Risk Assessment Hazardous Material
14. Hazardous Material
15. Safe Use of Welding Machine
16. Basic Occupational Health and Safety
17. 5S Safety
18. Safe Use of Overhead Travelling Crane
19. Safe Use of Forklift
20. Safe Use of Mobile Crane
21. Safe Steel Erection
22. Banksman Safety
23. Signaller Safety
24. Safe Use of Boom Lift
25. Safe Use of Boom Lift/ MEWP
26. Safe Use of Ceramic Tile
27. Safe Use of Chain Hoist
28. Emergency Preparedness and Response
29. Fire Warden
30. Flagman Safety
31. Lifting Supervisor
32. Safe Use of Skid Steer Loader
33. Safe Use of Tower Crane
34. Excavation Supervisor
35. Safe Use of Excavator
36. Safe Use of Bulldozer
37. Safe Use of Back Hoe Loader
38. Safe Use of Window Cradle
39. Hydrogen Sulfide Safety
40. Grinding Operation
41. Safe Use of Air Compressor

42. Safe Use of Band Saw Machine
43. Safe Use of Bending Machine
44. Safe Use of Power Spray Gun
45. Safe Use of Shearing Machine
46. Safe Use of Stacker and Material Handling Machine
47. Safe Use of Punching Machine
48. Basic Explosives Awareness
49. Safe Use of Roller Compactor
50. Safe Use of Nail Gun
51. Chemical Emergency Spill Response
52. Incident Investigation and Reporting
53. Hand and Power Tools Safety
54. Safe Use of Cement Tanker
55. Fire Marshal
56. Safe Use of Telehandler
57. Safe Use of Construction hoist
58. Safe Use of Truck Mounted Crane
59. Defensive Driving
60. Child Protection Training
61. Erection and Dismantling of Tower Crane
62. Medical Gas Awareness
63. Radiation Safety
64. Infection Control
65. Sharp Equipment Handling
66. Safe Use of Ladder
67. Safe Use of Cutting Machine
68. How to Use PPE
69. Security Awareness
70. Health and Safety Management
71. Brazing Safety
72. General Safety
73. Effective Storekeeping for Warehouse Personnel
74. Hotel Marketing
75. Communication Skills
76. Emergency Evacuation Drill
77. Permit to Work System
78. Gas Testing Awareness
79. Safe Use of Scissor Lift
80. Confined Space Rescue
81. Roof Installation and Maintenance Work Safety
82. Lock Out – Tag Out Safety

Quality Policy

We Emphasize on Customer contentment and Surpass their expectations through a Squad of Trained and Dedicated Personnel, and providing an aura of joy & satisfaction for or our Employees by continually improving the Effectiveness of Quality Management System.

HSE Policy

- To Provide a Cleaner, Safer and Better Environment to work on.
- To Reduce the Health & Safety Risks associated with the activity of the Client, thus enhancing their commitments shown towards Social, Moral, Economical and Legislative Aspects.
- To help our clients to achieve Zero accident rate through our quality maintaining and monitoring process.
- To Increase the Per Capita working hours by identifying the Health and Safety aspects which in turns benefit the Client in terms of Productivity.
- To make all the Workers Safety cautious, by giving awareness on Importance of Reporting Incidents & near misses and train them for the same.

Confidentiality & Impartiality Policy

We understand the importance of impartiality in carrying out the inspection, Testing and Certification activities.

We have identified and analyzed the possibilities to conflict of Interest and the threats to Impartiality, we safe guard and manage the Conflicts of Interest.

ULTRATECH CLIENTS





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Contact us today & find out how our services help you to
avoid loss and ensure that each work meets all relevant
regulations, standards & codes

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