

# شركة يونيفرسال للتفتيش المحدودة

## UNIVERSAL INSPECTION CO. WLL

An ISO 9001:2015 & OHSAS 18001:2007 Certified Company



QUALIFICATION OF WELDING PROCEDURE & WELDER QUALIFICATION



THIRD PARTY & VENDOR INSPECTION



AUDITING SERVICES



ALL TYPE OF INSTRUMENT & EQUIPMENT CALIBRATION



NDT & ADVANCED NDT SERVICES



TRAINING-AWS, TWI, NDT, ISO, Etc...



CHEMICAL ANALYSIS OF WATER & AIR QUALITY TESTING SERVICES



SOIL, CONCRETE, ASPHALT, COMPACTION, AGGREGATE & CEMENT TESTING GEO TECHNICAL SERVICES



LIFTING TOOLS & HEAVY EQUIPMENT INSPECTION



INSPECTION TOOLS & TRADING



VALVE TESTING, REPAIRING & OVERHAULING SERVICES

**"YOUR SUCCESS IS OUR GOAL  
&  
QUALITY IS OUR MOTTO"**





# UNIVERSAL INSPECTION CO. WLL .

## ABOUT US

When global opportunities come in the face of tough competition, the challenge lies in shaping a comprehensive approach to future by understanding the value creation potential and rebuilding our strengths to regain our pride as a model industry in the global scenario.

Universal Inspection Co. Ltd., in the Kingdom of Saudi Arabia is formed by a group of well experienced quality professionals, provides you Inspection, Calibration, Testing and Training services to suit your specific objectives and purposes.

Our aim is to raise the bar through dedication, best in class quality of our services and to ensure real and sustainable change at the customer level of satisfaction.

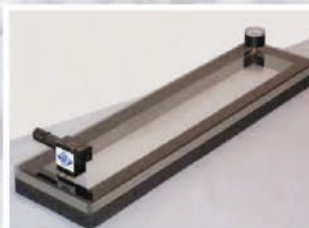
## OUR SERVICES...

### NDT & ADVANCED NDT SERVICES

- ◆ RT-Radiographic Testing
- ◆ UT-Ultrasonic Testing
- ◆ MPI-Magnetic Particle Inspection
- ◆ DPT-Dye Penetrant Testing
- ◆ VT-Visual Test
- ◆ PMI-Positive Material Identification
- ◆ HT-Hardness Testing
- ◆ PWHT-Post Weld Heat Treatment
- ◆ ECT-Eddy Current Testing
- ◆ Remote Field Eddy Current Testing
- ◆ PAUT-Phased Array Ultrasonic Testing
- ◆ TOFD-Time of Flight Diffraction
- ◆ MFL-Magnetic Flux Leakage for Tube
- ◆ MFL-Magnetic Flux Leakage for Tank Floor
- ◆ IRIS-Internal Rotating Inspection System
- ◆ Video scopes and Borescopes
- ◆ Vacuum Box Testing
- ◆ Hydro and Pneumatic Testing
- ◆ Quantity Surveyor
- ◆ Developing the Piping Corrosion Circuit / Isometric for new piping system
- ◆ Plant fitness services as per API579



Corporate Partner



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## INSPECTION SERVICES

### Providing Services of Vendor and Third Party Inspection

- ◆ Welding Inspector - SCWI, CWI, CSWIP 3.1 & CSWIP 3.2
- ◆ Pressure Vessel Inspector - API 510
- ◆ Piping Inspector - API 570
- ◆ Storage Tank Inspector - API 653
- ◆ Painting and Coating Inspection - Nace & B Gas
- ◆ Instrument Inspector
- ◆ Mechanical Inspector
- ◆ Dimensional Inspector
- ◆ Civil Inspector
- ◆ Electrical Inspector
- ◆ Telecommunication Inspector
- ◆ Boiler Inspection
- ◆ NDT level II Inspector (RT, UT, MT, PT, VT)
- ◆ Lifting and Heavy Equipment Inspector
- ◆ ASNT Level III Consultant
- ◆ Auditing Services



### PQR/WPS/WQT & Welding Inspection

- ◆ Welding Inspection
- ◆ Witness & Certification of Welder / Welding Operator Qualification Test (WQT)
- ◆ Witness & Certification of Brazer Qualification Test (BQT)
- ◆ Preparing Welding / Brazing Procedure Specification (WPS)
- ◆ Welding / Brazing Procedure Qualification Test
- ◆ Non-destructive & Destructive Testing involved in all Welding / Brazing activities
- ◆ Interpretation of Code & Specification like ASME Sec II, V, VII, XI, B31.3, AWS D1.1, API 1104 etc.



### Destructive Testing Services for PQR & Fastners

- ◆ Tensile Test of Plates/Pipes/Bolts as per ASTM/ASME/ISO & etc.
- ◆ Compression & Guided Bend Test of Plates/Pipes as per ASTM/ASME/ISO & etc.
- ◆ Charphy Impact Test of Plates/ Pipes as per ASTM/ASME/ISO & etc.
- ◆ Hardness Test for all Metallic Parts as per ASTM/ASME/ISO & etc.
- ◆ Proof Load Test of Fastner as per ASTM/ISO & etc.



Hardness



Tensile & Compression



Charphy Impact

**SAFETY IS OUR WAY OF LIFE**





## TRAINING SERVICES

### Management System Certification Courses

Certified by



**IRCA** - International Register of Certificated Auditors - UK



**iema** - Institute of Environmental Management & Assessment - UK

- ISO 9001:2015 Foundation
- ISO 9001:2015 Internal Auditor
- ISO 9001:2015 Lead Auditor
- Process Mapping and Improvement
- ISO 27001:2005 Lead Auditor
- ISO 22000:2005 Internal Auditor
- ISO 22000:2005 Lead Auditor
- ISO/TS 16949:2009 Foundation
- ISO/TS 16949:2009 Internal Auditor
- ISO/TS 16949:2009 Lead Auditor

### Courses Certified by Universal Inspection Co. Ltd.

#### International Inspection Certification - Preparatory Courses

- Welding Inspector AW/TWI - SCWI, CWI, CSWIP 3.1 & CSWIP 3.2
- API Courses (510, 570, 653)
- Painting Inspector - NACE / BGAS

#### NDT - Level II Courses

- Radiographic Test (RT)
- Ultrasonic Test (UT)
- Magnetic Particle Test (MT)
- Dye Penetrant Test (DPT)
- Visual Inspection (VT)
- Radiographic Testing Film Interpretation (RTFI)
- Brinell Hardness
- Vacuum Box

#### Other Training Courses

- Scaffolder
- Scaffolding Supervisor
- Scaffolding Inspector
- Crane Operator
- Rigger (I, II, III)
- Heavy Equipment Operator

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# LIFTING TOOLS, HEAVY EQUIPMENT INSPECTION & LOAD TEST



# CHEMICAL ANALYSIS OF WATER & AIR QUALITY TESTING SERVICES



# GEOTECHNICAL TESTING SERVICES



Soil Testing

Rock & Aggregates Testing



Asphalt Testing

Concrete Testing

Cement Testing

Slump Testing

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# INSTRUMENT & EQUIPMENT CALIBRATION SERVICES

## Dimensional Calibration

- |                            |                            |                          |
|----------------------------|----------------------------|--------------------------|
| Coating thickness gauge    | Universal Bevel Protractor | Right Angle              |
| Dial micrometer            | Vernier Caliper            | Thread Plug Gauge        |
| Micrometer                 | Vernier Caliper - digital  | Auto Level Station       |
| Outside Micrometer         | Vernier Height Gauge       | Automatic Dumpy Level    |
| Protractor                 | Deluxe Combination Square  | Automatic Level          |
| Steel Ruler                | Profile Gauge              | Digital Theodolite       |
| Steel Tape Measure         | Feeler Gauge               | Spirit Level Stop Watch  |
| Testex Dial gauge          | Master Gauge               | Wet Film Thickness Gauge |
| Ultrasonic Thickness Gauge | Measuring Tape             |                          |



## Electrical Calibration

- |                                  |                                |                                 |
|----------------------------------|--------------------------------|---------------------------------|
| AC volt-Ohm-ammeter              | High Voltage Detector          | Volt / mA Calibrator            |
| Electric Welding Machine         | RCCB Digital Tester            | Automatic Wedge Welding Machine |
| Hi pot Tester                    | AC/DC Clamp meter              | Current Transformer             |
| Loop Calibrator                  | Contact Resistance Tester      | DC Power Supply                 |
| Megh Ohm Meter                   | Digital clamp meter            | Decade Resistance Box           |
| Mini DC Circuit Meter            | Digital Earth Tester           | Digital Light Meter             |
| Power Quality Clamp Meter        | High Voltage Insulation Tester | AC/DC Power Supply              |
| Primary Current Injection System | Diesel Welding Machine         | Circuit Breaker                 |
| Relay Test Set                   | High Voltage Test Set          | Digital Multi meter             |
| Relay Test System                | Insulation Continuity Tester   |                                 |
| Sound Level Meter                | Insulation multi meter         |                                 |
| Transformer Ratio Meter          | Insulation Resistance Tester   |                                 |
| 3 Phase Sequence Tester          | Pinhole Detector               |                                 |



## Pressure Calibration

- |                                |                       |
|--------------------------------|-----------------------|
| Needle Pressure gauge          | Inert Gas Regulator   |
| Pressure Gauge                 | Oxygen Analyzer       |
| Pressure Recorder              | Oxygen Regulator      |
| Pressure Transmitter           | Precision Calibrator  |
| Vacuum Gauge                   | Pressure Module       |
| Acetylene Regulator            | Flow Meter            |
| Co2 Regulator                  | Gas Detector          |
| Documenting Process Calibrator | Pressure Relief Valve |
| Field Communicator             | Safety Relief Valve   |



## Mechanical Calibration

- |                                |                               |
|--------------------------------|-------------------------------|
| AC Magnetic Yoke               | Precision Top Loading balance |
| Analog Top Loading Balance     | Platform Weighing Machine     |
| Compression Testing Machine    | Torque wrench                 |
| Charphy Impact Testing Machine | Break Analyzer                |
| Digital Top Loading Balance    | Load Cell                     |
| Digital Tachometer             | Pocketable Vibration Meter    |
| Hardness Testing Machine       | Extensometer                  |



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# INSTRUMENT & EQUIPMENT CALIBRATION SERVICES

## Thermal Calibration

Baking Oven  
 Digital Temperature Controller  
 Digital Thermometer  
 Holding Oven  
 Incubator  
 Mother Oven  
 Surface Thermometer  
 Temperature Recorder  
 Temperature Gauge  
 Temperature Transmitter  
 Thermometer  
 Wall mount Thermometer  
 Whirling Hygrometer  
 Furnace Oven  
 Constant temperature Oven  
 Digital Thermo hygrometer

Dual Block Dry well calibrator  
 Electrode baking oven  
 Electrode Dry oven  
 Electrode Oven  
 Infrared Thermometer  
 Infrared Digital thermometer  
 PH Meter  
 Refrigerant Gauge  
 Surface Temperature Gauge  
 Dew Point & Humidity Calculator  
 Electrode Quiver  
 Electrode Stabilizing Oven  
 Floating Dairy Thermometer  
 Portable Electrode Oven  
 Portable Electrode Stabilizing Oven



## All Type of NDT Instrument Calibration

Eddy Current Testing Equipment  
 Ultrasonic Flaw Detectors  
 Ultrasonic Thickness Gauge  
 Magnetic Particle Testing - Yoke  
 Positive Material Identification  
 Borescope & All types of NDT Instruments



## VALVE TESTING, REPAIRING & OVERHAULING SERVICES

Safety Valves, Pressure & Vacuum Breather Valves, Thermal Relief Valves,  
 Gate & Sluice Valves, Ball Valves, Butterfly Valves, Globe & Plug Valves,  
 Post Indicator Valves, Check & Non Return Valves &  
 All types of Flange & Butt-Weld Valves Inspection & Testing Services



## TRADING SERVICES



Mini Fillet Gauge



Weld Gauge



Fillet Gauge



Hi Low Gauge



Elco Meter



Magnaflux



Elco Meter



Holiday Detector



and all types of inspection Tools and Instruments

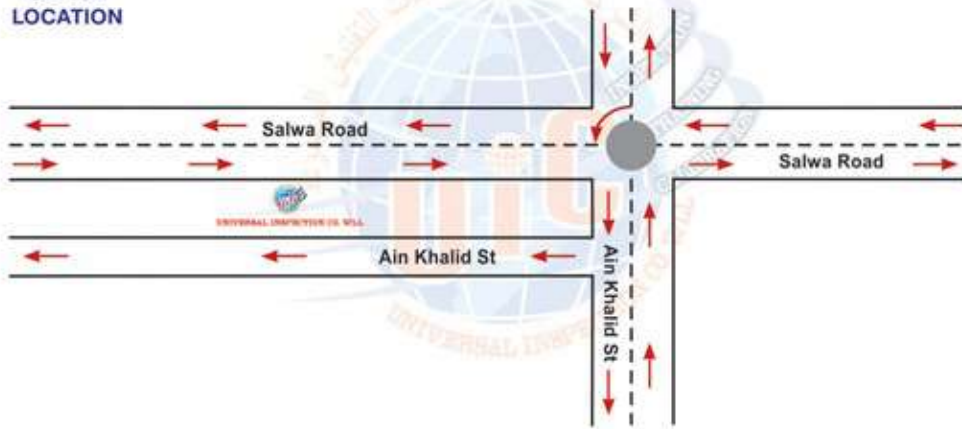
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OUR  
OFFICE  
LOCATION

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**UNIVERSAL INSPECTION CO. WLL**



### CONTACT US

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