

# AL HOTY STANGER

## A BRIEF INTRODUCTION



Al Hoty Stanger Ltd. was established in 1975 as independent laboratories and materials testing. We offer a wide range of independent testing/inspection services including physical, mechanical and chemical testing of all kinds of materials (eg construction materials, metals, water, oil, fuel, food etc) and we have 10 test facilities throughout the region. We are third-party approved by a number of authorities, including Saudi Aramco, and carry ISO 9001:2000 certification from BVQI. More information is available at [www.al-hoty.com](http://www.al-hoty.com).

We now have one of the best-equipped laboratories in the Middle East, and were awarded the first National Laboratory Accreditation Certificate by the Saudi Arabian Standards Organization (SASO) in July 1988. (We have since maintained our accreditation continuously.).

In KSA, we are approved by Ministry of Commerce, SASO, MEPA, in the UAE by Dubai Municipality. We operate all our laboratories to ISO 9002, registered by BVQI. Furthermore, Al Hoty Stanger Ltd. is member of Union International Laboratories Independent and we act for Underwriter Laboratories in the M.E., carrying out follow up inspections for their clients quarterly.

## PRINCIPLE DISCIPLINES

### CONSTRUCTION MATERIALS

Physical, mechanical and chemical testing of soils, aggregates, concrete, cement, admixtures, asphalt, etc.

### N.D.T & INSPECTION

Welding / fabrication inspection and testing offering a full range of non-destructive tests including radiography, ultrasonic, magnetic particle, dye penetrant, holiday detection.

### METALLURGICAL / MECHANICAL

Metallography, failure analysis (including in-situ replication), tensile, bend, hardness and impact testing, welding procedure and welder qualification tests, positive material identification (PMI).

### ANALYTICAL CHEMISTRY

Verification of materials constituents.

### ENVIRONMENTAL TESTING

Asbestos fibre identification, air quality, acoustic, industrial waste, effluent and ground water.

### OIL

Compliance testing to ASTM, API, SASO and other national and company standards.

### CORROSION

Analysis of corrosion products.

### FOOD

Analysis of food and beverages. Microbiological testing.

### AGRICULTURE

Soil, water and associated agro products testing.

### WATER

Chemical / bacteriological assessment.

### GEOTECHNICAL

Site survey offering a range of ground investigation techniques. Integrity test for piles.

### FAILURE INVESTIGATION

Structural, mechanical and materials.

### VENDOR INSPECTION

Inspection of materials and finished products.

### UL - INTERNATIONAL INSPECTION

Verification of quality conformance of UL-approved manufacturing facilities.

### INSURANCE

Technical assistance and loss adjustment support services.

### SPECIAL ACTIVITIES

Quality assurance / quality control, individual investigations, infra-red thermography, ground probing radar, crane and lifting gear inspection, certification of pressure vessels, boiler inspection, sound level monitoring.