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ACCREDITABLE TESTING FIELDS FOR TESTING LABORATORIES



TÜRK AKREDİTASYON KURUMU

Forensic Sciences

Ballistic tests, handwriting and document analysis, biological examinations, finger, hand and footprints, sound, image and data analysis, instrumental analysis, chemical analysis, trace examination.

Wood and Wood Products

Wood-based boards, duralite, timber and similar products, furniture surfaces, furnishings (chairs, tables, armchairs, etc.), wood and timber processing products, construction timbers and plywood, flooring.

Ballistics and Explosives

Acoustic - noise and vibration tests, biological and biochemical tests, environmental and climatic environmental engineering tests, electrical and electronic tests, EMC tests, physical tests, stability tests, chemical tests and analytical chemistry tests, mechanical and metallographic tests, microbiological tests, sampling methods, radiochemistry and radiation tests including nuclear experiments, non-destructive testing tests, fire tests.

Biological Experiment Samples

Biological and biochemical tests, environmental and climatic environmental engineering experiments, instrumental analyzes and examinations, chemical tests and analytical chemistry experiments, criminal experiments, microbiological experiments, sampling methods, medical and veterinary experiments.

Glass – Ceramic

Glass and glass-made products, fiberglass, clays, lime, refractors, ceramics.

Environmental Experiments

Acoustic - noise and vibration tests, sewage sludge/sediment, waste, waste oil, biota, flue gas (emission), ambient air (immission), water/wastewater, continuous emission measurement system, soil, mine wastes.

Electrical, Electronic and IT Products and Devices

Accumulators and batteries, inverters and power supplies, circuit breakers, switching and control products, electrical cables, electrical machines, electricity meters, electrical household appliances, electrical devices, tools and equipment, devices and systems requiring EMC requirements, light and illumination, vehicles, medical electronic devices, transformers, insulation materials, software and informatics, high voltage devices and equipment.



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Food and Feed Products

Sensory analyses, physical analyses, chemical analyses, additive analyses, residue analyses, contaminant analyses, microbiological analyses, molecular biological analyses, food contact substance and material analyses, histological analyses.

Medicines, Biological Products and Pharmaceutical Products

Biological and biochemical analyses, instrumental analyses, physical analyses, additive and residue analyses, chemical analyses, criminal analyses, microbiological analyses, sampling.

Occupational Hygiene Measurement, Testing and Analysis

Analytical chemistry-based chemical exposure measurements, biological exposure measurements, direct chemical exposure measurements from the working environment, direct physical exposure measurements, direct physical exposure measurements, instrumental analyses.

Paper, Cardboard and Packaging Materials

Physical experiments, instrumental analyzes and examinations, environmental and climatic environmental engineering experiments, chemical tests and analytical chemistry experiments, mechanical and metallographic experiments, microbiological tests, sampling methods, fire tests.

Chemicals and Chemical Products

Biological and biochemical analyses, instrumental analyses, physical analyses, criminal analyses, microbiological analyses, sampling, chemical analyses, cell culture.

Personal Protective Equipment

Acoustic-noise and vibration tests, biological and biochemical tests, electrical and electronic experiments, instrumental analyses, physical experiments, chemical tests and analytical chemistry experiments, sampling methods, radiochemistry and radiation experiments including nuclear experiments, combustion experiments.

Minerals and Mineral Ores

Instrumental analyses, physical analyses, chemical analyses, sampling.

Mechanical Products

Acoustic-noise and vibration tests, environmental and climatic environmental engineering tests, electrical and electronic tests, EMC tests, physical tests, mechanical and metallographic tests, sampling methods, performance tests, non-destructive testing tests, fire tests.



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Products and Materials Made from Metals and Alloys

Environmental and climatic environmental engineering experiments, electrical and electronic experiments, instrumental analyzes and examinations, physical experiments, stability tests, chemical tests and analytical chemistry experiments, criminal experiments, mechanical and metallographic experiments, microbiological experiments, sampling methods, non-destructive testing experiments.

Nuclear Energy Products

Acoustic-noise and vibration tests, environmental and climatic environmental engineering tests, dosimetry, physical tests, mechanical and metallographic tests, sampling methods, performance tests, non-destructive testing tests, ionizing radiation, radioactivity, non-ionizing radiation.

Toys, Child Care Products

Acoustic-noise and vibration tests, electrical and electronic experiments, EMC tests, instrumental analyses, physical experiments, safety tests, chemical tests and analytical chemistry experiments, mechanical and metallographic experiments, sampling methods, combustion experiments.

Plastic and Rubber Products

Barrier materials, gaskets, rubber related products, belts (tapes), plastic, plastic pipe and related products, plastic films, plastic reinforced fiber products, resins, teflon and teflon products, adhesive tapes.

Petroleum and Petroleum Products

Instrumental analyses, physical analyses, chemical analyses, sampling.

Counters

Acoustic-noise and vibration tests, environmental and climatic environmental engineering tests, electrical and electronic tests, EMC tests, physical tests, safety tests, mechanical and metallographic tests, sampling methods, performance tests, non-destructive testing tests, fire tests.

Vehicles

Acoustic-noise and vibration tests, environmental and climatic environmental engineering tests, electrical and electronic tests, EMC tests, physical tests, safety tests, mechanical and metallographic tests, sampling methods, performance tests, non-destructive testing tests, fire tests.



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Agricultural Products

Physical analyses, biological and biochemical tests, environmental and climatic environmental engineering experiments, sensory analyses, instrumental analyzes and examinations, additive and residue analyses, chemical tests and analytical chemistry experiments, microbiological experiments, sampling methods, medical and veterinary experiments.

Textiles and Leather Products

Electrical and electronic experiments, instrumental analyses, physical experiments, chemical tests and analytical chemistry experiments, microbiological experiments, sampling methods, combustion tests, wear and corrosion tests.

Veterinary Diagnosis and Analysis

Bacteriology, virology, parasitology, mycology, genetic testing, pathology, pharmacology, toxicology, biochemistry, hematology, immunology, histology, blood transfusion, vaccines.

WADA

Lubricants

Instrumental analyses, physical analyses, chemical analyses, sampling.

Fuels

Instrumental analyses, physical analyses, chemical analyses, sampling.

Building Materials, Products and Buildings

Wooden building materials, wooden structures, concrete structures, heating, cooling and air conditioning in buildings, bitumen and asphalt materials, electrical supply systems equipment, gas supply systems equipment, thermal insulation materials, geosynthetics, membranes, waterproofing materials, marbles, metal structures, windows, doors, walls, ceilings, panels and sound insulation materials, water supply systems equipment, stones, aggregates, bricks, tiles, fire-stopping and fire-containing materials, building binders (cement, lime, plaster, mortar, plaster, etc.), construction chemicals , floor coverings (wood, stone, polymer, metal, etc.), road traffic noise reducing materials, floors.

Accreditation for Approval Purposes

305/2011 EU building materials regulation, building materials regulation (305/2011/EU), horizontal approval (building materials regulation Annex-5 Article 3)

Optical Devices



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Medical Devices

Physical analyses, mechanical and metallographic experiments, microbiological analyses, chemical analyses, instrumental analyses, biological and biochemical tests.