



HOW TO OBTAIN INFORMATION ON THE LNE TESTING OR CALIBRATION ACCREDITATIONS ?

The scope of accreditation of LNE are published on the COFRAC website www.cofrac.fr:

1. select "English version",
2. click on "Search accredited bodies": a text explain you how to realise some search on this website in order to find accredited bodies
3. Click on "See you on the coming pages"
4. Select "recherche d'organismes" and then click on "par N° d'accréditation"
5. Accreditation numbers of the LNE services are listed on the table below.

LNE also offers a search on its database:

1. Connect to our website: www.lne.eu
2. On the windows "Recognized services" click on "more"
3. Click on "calibration" or "Tests"
4. For instance, click on "recherche multicritères" (*search form*)
5. Then it's possible, depending on the area of competence concerned, to select for the field "accreditation" the number in the table below
6. Click on "valider" (*view results*)

Some answers enable to access to attached files which give details on our abilities in accreditation. All these answers enable to send a message to the Contact person for the service concerned.

1. Tests

Location	Tests	Accreditation
Paris	Weighing instruments, pressure controllers, roller type brake testers, pressure measuring instruments, pressure switches, manometers, pressure transducer, electronic instrument for gas volume conversion, refrigerant leak detectors, breathalyzers	1-0007
Saint-Denis*	Temperature (clinical thermometers, thermometers for perishable goods) *: <i>Receipt and dispatch of material on the site of LNE in Paris</i>	1-2318
Trappes	Playgrounds tests Toy safety tests Toy acoustic tests Childcare articles tests Electric security tests Electric equipment tests Electromagnetic tests (emission and immunity) Immersion detection alarm systems tests Boiling apparatus under pressure tests Scale, step plate, step ladder tests Cycles, bicycles, bikes, luggage bike tests Lighter tests Tests on packagings' resistance to children's strength Permeability tests of packing materials Paper, board and corrugated board tests Tests and analyses on materials in contact with food Determination of metal and alloy chemical composition Insulating glazing tests Smoke tests (Tobacco) Wall covering tests Tests on the designation of insulating materials Chimney flue tests Heat mobile combustion solid tests barbecues tests heaters domestic combustion solid tests expertise and metallurgy tests Behaviour on fire tests (building, transportation, upholstered furniture, bedding) caracterisation of radiometers	1-0606

Laboratoire national de métrologie et d'essais

Location	Tests	Accreditation
Trappes	Plastic material and composite tests Control of mechanical testing machines Test on mechanical and climatic environment Characterisation and verification of climatic and thermostatic chambers Designation of acoustic measuring instruments as far as metrology and functioning are concerned Ocular protector tests (IPE) Designation of laser beams Car lamps (physical, photometric behaviour) Condoms tests Tests on implants (Non-active implants : spinal implants, dental implants) Roof load carriers (automobile accessories for skis / snowboards) Hydraulic jacks tests Heat pumps tests Weighing instruments tests LOAD	1-0606 (continued)

2. Calibrations

Location	Calibrations	Accreditation
Saint-Denis*	Thermometry (contact temperature meter or generator, temperature display, surface temperature...) *: Receipt and dispatch of material on the site of LNE in Paris	2-02
Trappes	Electricity, magnetism, to DC power and low frequencies (potential difference, tension ratio, current intensity, AC-DC difference, résistance, capacity, power, energy, weakening, inductance, current load, phase displacement, magnetic flux density, magnetic flux, registers or simulators for thermal convertors or thermoresistances)	2-03
Paris	Strength measuring instruments (tensile or compacting force, calibration of a bench on-site) and couple measuring instruments. Deformation cylinder for compression machine (footemeter)	2-04
Trappes	Radiometry and photometry (sources, luxmeters, luminance meters, radiometers UV, photoreceptors, spectral transmittance or reflection factor, spectral density, colorimetry, luminous intensity...). Radiometers for laser beam energy or power	2-22
Trappes	Acoustics (microphones, calibrators, sound reproducing systems...)	2-28
Paris	Dimensional metrology (wavelengths, gauge blocks, rods and cylinders, pins and cylinders, thimbles, plug gages, spheres, interferometers, displacement pickups, phase indicators, graduated or coded rules, concentricity, straightness, parallelism, corner blocks, polygons, automatic indexing angle plates, levels, threads, glasses...)	2-35
Paris	Proof masses or standard weights, in the Laboratory or on-site, instruments measuring mass, densities (of solids, liquids, hydrometers...), volumes (of vessels, solids...)	2-36
Paris	Pressure measuring instruments, pressure balances, vacuum, rotating ball gauges, reference leak, calibration on-site of pressure measuring instruments	2-37
Trappes	Electricity, magnetism, in high frequencies (potential difference, AC-DC difference, inductance, HF power, surface power density, electromagnetic field, weakening, reflexion factor, radio noise); Direct current electricity and low frequencies (potential difference, resistance)	2-41
Paris	Kinematic and dynamic viscosity testers, reference fluids	2-43
Trappes	Pyrometry (optical pyrometers, infrared thermometers, thermal cameras, blackbody sources...)	2-45
Trappes	Thermal conductivity of low thermal conductors	2-50
Paris	Gaseous flowmetering (mass flows obtained by dynamic gravimetry or by comparing working standards, by traced gas method or by successive addition method...)	2-53
Paris	Reference materials in chemistry (gas compounds, metals in waters, deposits and sludge, solid or liquid food, RM for pH measurements, ethyl alcohol, hydrocarbon, titrable element proportionings...)	2-54

Location	Calibrations	Accreditation
Trappes	Designation of thermal and optical properties of materials (thermal diffusivity, conductivity, measurement of spectral directional emissivity, measurement of the directional-hemispherical spectral reflectance factor, measurement of the total hemispherical emissivity...)	2-56
Trappes	Energy of rupture of bend test pieces with shock, preparation of glass cylinders lots with Charpy V reference	2-1287
Nîmes	Dimensional metrology (parallel gauge blocks, levels, pins, rods, plug gages, rings, position indicators for measuring machines, angle position indicators, dial indicators, lever arm test indicators, digital indicators, digital comparators (voltage output, current output), micrometer head, distance measuring equipments, vernier calipers, depth gauges, inside or outside micrometers, measuring instrument for bores, steel rules, circometers, rules, steel measuring tapes, tapes and wires measure, concentricity, straightness...)	2-1446
Poitiers	Relative or absolute pressure meter	2-1550
Poitiers	Temperature tester, indicator or simulator	2-1551
Paris	Hygrometry (generator or tester, material measures)	2-1637
Trappes	Temperature measuring chain, on the spot	2-1652
Trappes	Relative or absolute pressure tester, on the spot	2-1653
Trappes	Time and frequency (frequency, speed, pulse rise time and pulse drop-off time, time intervals)	2-1692
Toulouse	Direct current electricity and low frequencies (potential difference, resistance, voltage ratio, intensity, capacity, inductance, AC-DC difference)	2-1693
Toulouse	Temperature (calibration at fixed points or by comparing standards, calibration of temperature simulators or calibrators)	2-1694
Nîmes	Metrology mechanics - hand torque tools (determination of the error indication)	2-1832
Paris	Temperature meters or indicators in thermostatic chambers	2-1944