



MACHINERY, POWER & CONTROL AND SEMI CONDUCTORS



ITL offers safety evaluation, testing, type testing certification, Risk Assessments, EMC testing and environmental testing for a wide range of machinery, semiconductor manufacturing Equipment, clean-room equipment, Measurement Equipment, Laboratory Equipment, Production Machinery, Industrial facility products and more.

ITL has many years of experience in testing and certifying machinery, industrial equipment for a wide sector of manufacturers and products such as robotics, desktop rapid model prototype makers, marine type equipment, automatic and motion guided radiation mapping antennas and equipment, AOI equipment, food production machines, large plotters/printers, production machinery and Industrial facility products.

ITL offers product testing to ensure that the products that are connected to the network comply with the appropriate national and international restrictions. In addition ITL is highly experienced in SEMI evaluation and testing for products involved for example, in wafer/substrate handling, cutting, polishing, dissecting, measuring, statistical particle quantity measurement, component board pick-and-place machines, UV and mask, preparation units and ovens.

CERTIFICATES PROVIDED INCLUDE:

Type Test compliance, cTUVus, SEMI, CE, GS, TUV "T" Mark, cETLus, ETL-EU, cULus, cMETus and other specialized tailored market access solutions.

Services for the machinery and Industrial equipment industries include:

- › Safety & EMC Type Testing: for CE (European Harmonization Conformity).
- › NRTL Listing: (North American Safety Certification) this is realized through the US Agencies that recognize ITL evaluation (Testing and Report writing).
- › European GS Approval: This is realized through the Agencies that recognize ITL evaluation (Testing and Report production).

Expertise, Experience and Service You can Trust

- › A complete turnkey solution covering all applicable aspects: laser, ergonomics/human factors, acoustic noise, non-ionizing emissions (e.g. UV, IR, magnetic and Static fields, ELF), EMC, Ionizing radiation, ozone production, flammability testing, environment toxicity, food industry hygiene, hazardous substances and others.
- › An expert team dedicated to the area of Machinery, Industrial equipment, power and control.
- › Guidance services and pretesting to relevant Standards during the phase of design & development.
- › A project coordinator for each customer who activates the various project tasks and field specialists
- › Pre-compliance evaluation (preliminary product construction review)
- › Risk assessments.