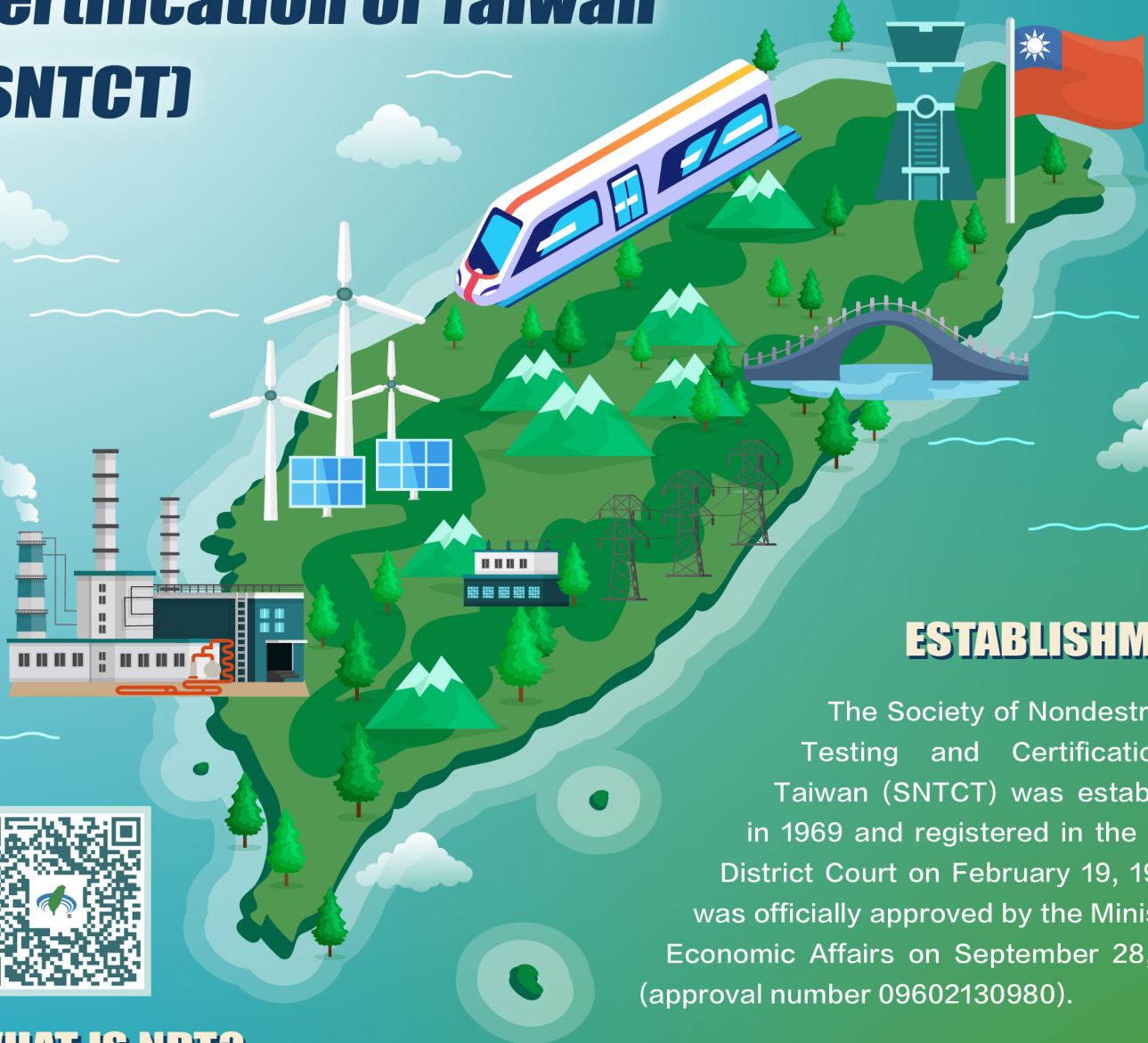




財團法人台灣非破壞檢測協會
The Society for Nondestructive Testing
& Certification of Taiwan (SNTCT)

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ESTABLISHMENT

The Society of Nondestructive Testing and Certification of Taiwan (SNTCT) was established in 1969 and registered in the Taipei District Court on February 19, 1969. It was officially approved by the Ministry of Economic Affairs on September 28, 1996 (approval number 09602130980).



WHAT IS NDT?

Non-destructive testing is a modern engineering branch that detects flaws in structures before they impair their usability. Defects like cracks or slag during component welding or casting can alter material properties, diminish strength, and jeopardize safety. By identifying such faults, non-destructive testing is a valuable tool for ensuring quality during material production and processing, as well as assessing the longevity of operational equipment.

Non-destructive testing uses specialized instruments to detect internal and external

defects in materials, drawing on theories from physics, chemistry, and mathematics. It employs various methods such as visual detection, radiography, and positron imaging to analyze the data and ensure quality in the manufacture and processing of materials.

Non-destructive testing has diverse applications in different fields, from testing individual objects to continuous inspection on production lines, maintenance inspections, and measuring physical properties or internal pressure changes. It is used in nuclear energy, petrochemicals, construction, transportation, and more.