

North America Testing, Inspection, and Certification Market Size and Forecasts (2020 - 2030), Regional Share, Trends, and Growth Opportunity Analysis Report Coverage: By Sourcing Type (In-House Service and Outsourced Service), Service Type (Testing, Inspection, and Certification), End-User (Consumer Goods & Retail, Food & Beverage, Healthcare & Pharmaceutical, Energy & Power, Manufacturing & Construction, and Others)

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Abstracts

The North America testing, inspection, and certification market was valued at US\$ 81.81 billion in 2022 and is projected to reach US\$ 132.81 billion by 2030; it is expected to grow at a CAGR of 6.2% from 2022 to 2030.

Environmental protection is gaining prominence in North America owing to several positive measures from both the government and the industrial stakeholders. In January 2023, the Inflation Reduction Act of 2022 became effective in the US. The Act offers programs, funding, and incentives, including the Investment Tax Credit (ITC) and Production Tax Credit (PTC), to accelerate the transition to a clean energy economy. The Act extends the ITC of 30% and PTC of US\$ 0.0275/kWh (2023 value) till the projects meet prevailing requirements for projects over 1 MW AC. It has created more awareness of renewable energy and promoted its adoption in the industrial sector. It has increased the scope of various TIC market players since the transition to renewable energy requires various testing, inspections, and certifications. Hence, market players are increasing their offerings and expanding their business across the region. For instance, in July 2023, TUV SUD America Inc, a leading TIC service provider, opened a

new state-of-the-art environmental laboratory in Michigan, the US, through an investment of US\$ 44 billion. Such instances in the region propelling the growth of the North America testing, inspection, and certification market.

Moreover, North American nations have been implementing the most stringent set of environmental provisions included in a free trade agreement (FTA) in July 2020, when the new agreement [dubbed Canada-US-Mexico Agreement (CUSMA), T-MEC, and the US–Mexico–Canada Agreement (USMCA) by the nations] was enforced alongside a companion—Environmental Cooperation Agreement (ECA). Thus, due to such environmental provisions, several types of businesses aim to become more sustainable and eco-friendlier to benefit from eco certifications. There are several certifications, such as Intertek Green Leaf Mark, EcoVadis Sustainability Rating, and 1% for the Planet, that help businesses to be certified sustainable and eco-friendly. Such certifications are beneficial programs that can aid companies in demonstrating their sustainable practices, products, and services to customers, investors, and other relevant stakeholders. Various players across North America are providing circular economy certifications, such as SGS SA and Bureau Veritas. These certifications also contribute to the Sustainable Development Goals (SDG) of the United Nations. Thus, the rise in environmental concerns is promoting the adoption of a circular economy, which drives the North America testing, inspection, and certification market share in North America.

Based on sourcing type, the North America testing, inspection, and certification market is bifurcated into in-house service and outsourced service. The in-house service segment led the North America testing, inspection, and certification market. The in-house service gives an enterprise complete control over the testing, inspection, and certification of the products. By keeping the TIC operations in-house, the enterprise can reduce any misunderstanding that may come from outsourced third-party companies. It provides enhanced work quality by closely working with the development team. It offers the benefit of communication and collaboration among the teams. By conducting in-house TIC operations, the enterprise can manage the TIC timelines, resources, and test cases that align with the enterprise goals and objectives. In-house TIC teams have in-depth knowledge and understanding of the enterprise systems, processes, and products, which helps the TIC teams carry out these operations effectively and efficiently. Such characteristics of the in-house service segment fuel the North America testing, inspection, and certification market growth for the segment.

Based on service type, the North America testing, inspection, and certification market is segmented into testing, inspection, and certification. Testing services are generally

required to test the physical, chemical, or performance-linked properties of products, materials, or services to meet the standards or specifications for the quality, safety, and sustainability of the product. The qualified or skilled inspectors collect the samples via internationally accepted ISO sampling methods and then test them with the help of specific tests and methodology in accredited laboratories. Testing is generally conducted for products and services, which include chemicals, food, agriculture products, consumer products, metals and minerals, waste materials, government services, and machinery and equipment. The testing phase is essential in the TIC services as it ensures the accuracy and credibility of the test results and further ensures the safety of the product and services. Thus, propelling the growth of North America testing, inspection, and certification market.

ALS Limited, Applus Services SA, Bureau Veritas SA, DEKRA SE, DNV Group AS, Eurofins Scientific SE, Intertek Group Plc, SGS SA, TUV Rheinland AG, and TUV SUD AG are among the key North America testing, inspection, and certification market players that are profiled in this market study.

The overall North America testing, inspection, and certification market size has been derived using both primary and secondary sources. Exhaustive secondary research has been conducted using internal and external sources to obtain qualitative and quantitative information related to the North America testing, inspection, and certification market. The process also helps obtain an overview and forecast of the North America testing, inspection, and certification market with respect to all the market segments. Also, multiple primary interviews have been conducted with industry participants to validate the data and gain analytical insights. This process includes industry experts such as VPs, business development managers, market intelligence managers, and national sales managers, along with external consultants such as valuation experts, research analysts, and key opinion leaders specializing in the North America testing, inspection, and certification market.

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