National Standards System (NSS) Roadmap

Overseen by the Standards Council of Canada, the NSS consists of more than 350 organizations and 15,000 volunteers.



Standards Council of Canada

The National Standards System (NSS) is Canada's network of people and organizations involved in the development, promotion and implementation of standards. Through the collaborative effort of the system's members, standards help advance the social and economic well-being of the country and safeguard the health and safety of Canadians.

Industry relies on the standards and conformity assessment services of the NSS to develop and market products globally. Industry's participation helps ensure standards and standards strategies are good for business

CONSUMERS AND

NON-GOVERNMENTAL

ORGANIZATIONS

Consumers and NGOs ensure

privacy. Consumers and NGO

representatives bring the human

standards and standards strategies.

GOVERNMENTS

Governments rely on the NSS to help them negotiate

trade agreements as part

of the regulatory system.

Government participation ensures that the NSS supports

trade and public policy

element to the development of

environment, health, safety and



PRODUCT/SERVICE **CERTIFICATION BODIES**

Certification organizations provide ongoing, independent, thirdparty evaluations to determine whether a product or service meets the requirements of applicable tandards. Certified products usually

CALIBRATION AND **TESTING LABORATORIES** Calibration and testing laboratories equipment to verify that they meet

CONFORMITY ASSESSMENT ORCANIS

The Standards Council of Canada oversees Standards Council of Canada the NSS. It accredits standardization Conseil canadien des normes organizations, verifying that they have the resources, structures and expertise to deliver trustworthy services. The Standards Council approves National Standards of Canada

international standardization forums

and also represents Canada in key regional and

INTERNATIONAL AND REGIONAL STANDARDIZATION BODIES

International and regional standardization bodies work towards the global harmonization of standards to liberalize trade, address common societal issues and safeguard consumers. Their work towards the international acceptance of conformity assessment reports and marks can make it less costly and time-consuming to have products approved.

INSPECTION BODIES

Inspection bodies assess the safety and fitness for use of specific products and materials, confirming that the associated facilities, equipment and systems are appropriate to the work being performed. Inspections are not limited to physical assets and can also include the assessment of services.

These organizations assess individuals



display a certification mark.

MANAGEMENT SYSTEMS CERTIFICATION BODIES

Management system standards like the ISO 9000 and ISO 14000 series help organizations to produce consistent quality or to address environmental impact, Certification bodies provide objective, third-party assessment that a management system has all of the necessary components and that it is being consistently applied.

STANDARDS DEVELOPMENT **ORGANIZATIONS**

Canada's standards development organizations work with some 15,000 volunteers to develop Canadian standards, and adopt or adapt international standards for use in Canada

PERSONNEL CERTIFIERS

competencies to ensure that they are ppropriate to the work being performed



national **standards** system

test products and calibrate measuring

the requirements of specific standards

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