

Technical Assessor's Evaluation: Scientific Eligibility

This form is to be completed by the National Research Council – Industrial Research Assistance Program (NRC-IRAP), who has assigned a specialized Industrial Technical Assessor to conduct the technical/scientific assessment of [Applications for Scientific Eligibility](#) submitted under the Saskatchewan Commercial Innovation Incentive (SCII) program.

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The Ministry of Trade and Export Development will coordinate the application process and make final decision regarding applications received by the SCII program. The technical assessor will conduct the evaluations at arm's length from the applicant; any follow-up questions from the technical assessor for the applicant, as well as a request for a site visit, will be on a case-by-case basis and initiated at the request of the technical assessor.

Should the technical assessor require additional information from the applicant to complete the scientific eligibility evaluation, they may contact the designated resource at the Ministry to request that:

- The technical assessor's list of follow-up questions be forwarded to the applicant for completion; and/or,
- The Ministry arrange for an in-person site visit and/or demonstration with the applicant.

Category 1: Evaluation of the Technological Readiness Level

The technical assessor will provide a technological readiness level evaluation of between 1-8.

Category 2: Evaluation of the State of the Art Intellectual Property in Canada

The technical assessor will provide an evaluation by selecting one of: weak, fair, strong, or very strong.

Category 3: Evaluation of the Competitive Usefulness, Efficacy, or Value of Features and Benefits in the Canadian Marketplace

The technical assessor will provide an evaluation by selecting one of: weak, fair, strong, or very strong.

SECTION 1: APPLICANT INFORMATION

Organization Name: _____

Application Title: _____
(as identified in the SCII *Application for Scientific Eligibility*)

SECTION 2: TECHNICAL ASSESSOR INFORMATION

First Name: _____

Title: _____

Phone Number: _____

Last Name: _____

Email Address: _____

SECTION 3: EVALUATION**Category 1 – Technological Readiness Level (TRL)**

SCII *Application for Scientific Eligibility* – section 5, questions 14 through 16.

	Level of Readiness	Description of Level of Readiness
	Level 1: Basic principles of concept observed and reported	Scientific research begins to be translated into applied research and development. Activities might include paper studies of a technology's basic properties.
	Level 2: Technology concept and/or application formulated	Invention begins. Once basic principles are observed, practical applications can be invented. Activities are limited to analytic studies.
	Level 3: Analytical and experimental critical function and/or proof of concept	Active research and development is initiated. This includes analytical studies and/or laboratory studies. Activities might include components that are not yet integrated or representative.
	Level 4: Component and/or validation in a laboratory environment	Basic technological components are integrated to establish that they will work together. Activities include integration of "ad hoc" hardware in the laboratory.
	Level 5: Component and/or validation in a simulated environment	The basic technological components are integrated for testing in a simulated environment. Activities include laboratory integration of components.
	Level 6: System/subsystem model or prototype demonstration in a simulated environment	A model or prototype that represents a near desired configuration. Activities include testing in a simulated operational environment or laboratory.
	Level 7: Prototype ready for demonstration in an appropriate operational environment	A prototype at the planned operational level that is ready for demonstration in an operational environment. Activities include prototype field testing.
	Level 8: Actual technology completed and qualified through tests and demonstrations	Technology has been proven to work in its final form and under expected conditions. Activities include developmental testing and evaluation of whether it will meet operational requirements.

Summary of Category 1 Evaluation Findings

Category 2 – State of the Art of the Intellectual Property in Canada

SCII *Application for Scientific Eligibility* – section 5, questions 1 through 13.

	Weak: The proposed innovation is a minimal advance on the current state of the art in Canada.
	Fair: The proposed innovation is a moderate advance on the current state of the art in Canada.
	Strong: The proposed innovation is a significant advance on the current state of the art in Canada.
	Very Strong: The proposed innovation has no equivalent in the Canadian marketplace, or is an exception advance on the current state of the art in Canada.

Summary of Category 2 Evaluation Findings

Category 3 – Evaluation of the Competitive Usefulness, Efficacy, or Value of Features and Benefits in the Canadian Marketplace

SCII Application for Scientific Eligibility – section 5, questions 17 through 22.

	Weak: The proposed innovation has minimum features or benefits that offer differentiation from current competitive offerings in the Canadian marketplace.
	Fair: The proposed innovation has features and benefits that offer moderate differentiation from the current competitive offerings in the Canadian marketplace.
	Strong: The proposed innovation has unique features and benefits that offer significant differentiation from the current competitive offerings in the Canadian marketplace.
	Very Strong: The proposed innovation has unique features and benefits that offer exceptional differentiation from current competitive offerings in the Canadian marketplace and are sufficiently unique that the potential exists to create a competitive advantage and/or create a new market niche(s).

Summary of Category 3 Evaluation Findings

SECTION 4: EVALUATION SUMMARY

The scientific criteria described by (organization name) _____
 regarding the (application title) _____
 has been determined to be: _____.

Category 1: Technological Readiness Level 1-8 _____
Category 2: Weak/Fair/Strong/Very Strong _____
Category 3: Weak/Fair/Strong/Very Strong _____

SECTION 4: DECLARATION – INDUSTRIAL TECHNICAL ASSESSOR

I hereby declare that:

	I acknowledge that the completed technical assessor evaluation form reflects an assessment of scientific merit and current Canadian marketplace dynamics only, and does not represent an opinion on anticipated future marketplace performance or viability.
	In order to provide impartial and objective evaluation of the application on behalf of the Ministry and to avoid pecuniary conflict of interest, I represent and warrant that I am not in a situation of conflict of interest that would render me unable to provide impartial evaluation of the application, or affect or otherwise impair my objectivity in performing the evaluation of the proposals. I will immediately declare any such conflict to the designated the Ministry official authorized to transfer the application contents, who will determine any risk mitigation required to address any pecuniary conflict of interest.

Name: _____

Print the name and technical assessor.

Signature: _____

The signature of the technical assessor.

Date: _____

DO NOT EMAIL THIS FORM OR ANY SUPPORTING DOCUMENTS

Submit this document using the secure and confidential electronic transfer program.