

SECTION A – General Information

Expression of Interest Number	Owner (company or organization)		Area (m ²)
Building Address	City	Prov./Terr.	Postal Code
Contact Name for Owner or Authorized Representative Mailing Address	City	Prov./Terr.	Postal Code
E-mail	Telephone	Fax	
<input type="checkbox"/> New Building <input type="checkbox"/> Extension	Simulation Results Attached		<input type="checkbox"/> Yes <input type="checkbox"/> No

SECTION B – Design Description

B.1 Building Design

Attach a copy of the output from the CBIP on-line Screening Tool, using the warehouse archetype. Your design should use at least 15 percent less energy than the *Model National Energy Code for Buildings* (MNECB) reference design, as shown on the on-line Screening Tool output. Your final design should also meet all the mandatory requirements of the MNECB for the building type. Note that the on-line Screening Tool provides the MNECB minimum requirements for the inputs. Describe the main building measures:

B.1.2 Summary of Building Design Energy Efficiency Improvements Without Process Integration Considered

A. (3.1) MNECB reference design energy use _____ MJ

(3.2) Building Target _____ MJ

B. (3.1) Proposed Building, excluding process _____ MJ

B.2 Process Integration Design

The integration of the process into the building systems must reduce the building loads by 10 percent of the MNECB reference energy. Attach one or more separate sheet(s) that describes the integration of the process into the building systems. Use the following format to describe each improvement:

- Standard practice for process _____
- Process integration measure (s) proposed _____
- Estimated process integration savings by measure _____ MJ
_____ MJ

Check the IBIP Web site for approved spreadsheets and engineering calculations at oee.nrcan.gc.ca/ibip
Include references to engineering papers and attach copies of product literature, etc.

B.2.2 Summary of Process Integration Energy

C. (3.5) IBIP Baseline _____ MJ

(3.2) IBIP process integration target _____ MJ

D. (3.6) IBIP Proposed _____ MJ

SECTION C – Other Requirements

The building owner must be an Industrial Energy Innovator. Please attach a copy of the building owner's letter of commitment to the Industrial Energy Innovators Initiative. This project must meet all applicable environmental standards and regulations in effect.

SECTION D – Certification

I, the undersigned, certify that the above description fairly represents the intentions of the design for the building identified above and that all the environmental, regulatory and other requirements for the building and ownership will be satisfied by the start of construction.

Name (please print)

Signature

Date