CHECKLIST #0200 FOR THE APPROVAL OF: COOLERS AND FREEZERS (EXPOSED TO WIND FORCES)

- ❑ Basic Requirements Checklist.

- ❑ One set of the manufacturer's 'approval document' including:
  a. Assembly details including all connections,
  b. Fastener diagram with size and location, corresponding to test and calculations,
  c. Must clearly indicate the provisions for diaphragm action, or racking and compression are not part of the approval, and
  d. Structural framing around opening must be included.

- ❑ Calculations verifying structural results of the tested structure including:
  a. Bending, shear, axial and combined stresses on the frame and the cover,
  b. Deflection limits on the frame and the cover (See the FBC chapter 16),
  c. Foundation support and overturning of the entire structure, and
  d. Fasteners and connectors.

- ❑ One set of manufacturer's design drawings marked and verified by the testing laboratory.

The following current laboratory tests and test reports in compliance with protocol TAS 301.

- ❑ Impact test per TAS 201.

- ❑ Uniform static air test per TAS 202.

- ❑ Cyclic test per TAS 203.

- ❑ Gravity load test of 24 hr. duration and test load of 60 psf according to chapter 16 of the FBC. This test is required for roof panels only.

- ❑ Racking test, per ASTM E72 if panel is to carry diagram loads.

Notes:
1. If cooler/freezer has plastic as a component, add plastic checklist to these requirements.
2. Specimen tested with equal continuous spans shall have a 2:1 safety factor.