# CHECKLIST #0240 FOR THE APPROVAL OF: LOUVERS (INCLUDES GABLE END LOUVERS)

- ❑ Basic Requirements Checklist.

- ❑ One set of the 'installation document' including:
  a) Material specification, size, thickness, and dimensions of the product, and
  b) Method of installation and attachment, matching the tested installation.

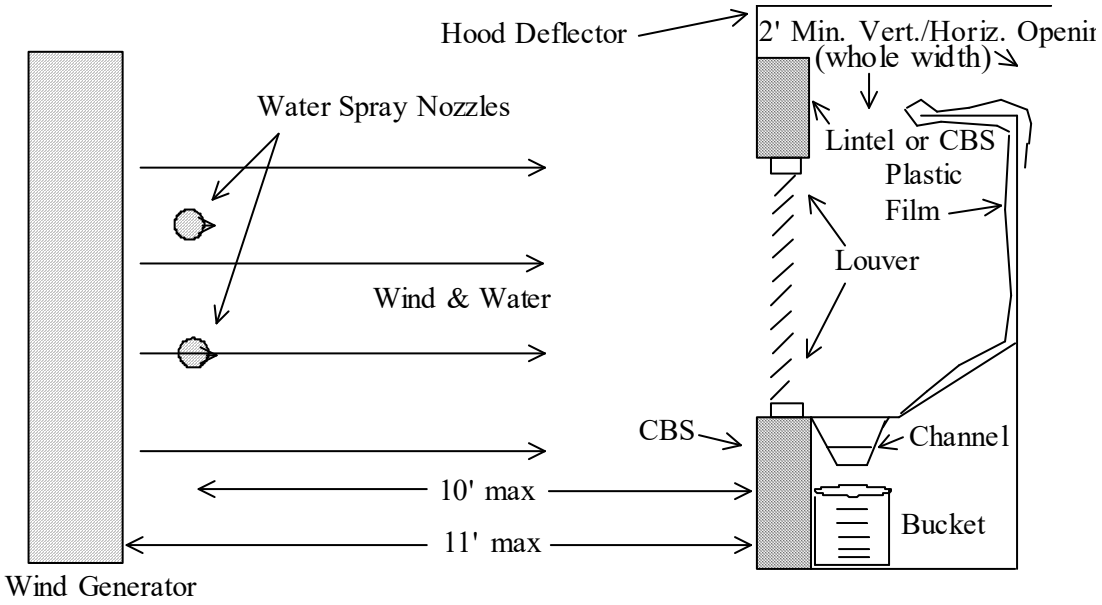
- ❑ Calculations verifying the anchor system of the louver to the structure.

- ❑ 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.**

*Louvers that protect air intake openings in structures:*

- ❑ AMCA 550 per FBCM 401.5
  or
- ❑ Wind Driven Rain test per TAS 100(A)- 95 with the following modifications:
  1) Testing shall be done using a vertical test frame consisting of CBS blocks.
  2) All fasteners used shall have verifiable published literature.
  3) There shall not be any water infiltration in excess of 1% of the total water sprayed.
  4) The test set-up shall be configured in the following manner:



*Louvers that protect air intake openings in structures and all other louvers:*

- ❑ TAS 202; structural loads only. The test sample shall be considered completely closed for the purpose of load distribution to anchoring of the louver system. Mullions must comply with L/180 maximum deflection.

*If the room behind the louver is not designed as an open structure, the following tests shall also be performed. (Operable louvers require these tests.)*

- ❑ TAS 201 or AMCA 540 and TAS 203. After impact, there shall be no horizontally projected opening formed through which a 3 in diameter sphere can pass.

Notes:

1. If the louver has plastic as a component, add the Plastic Checklist to these requirements.
2. The following equation may be used to calculate the allowable cycle time for specimens larger than 75 $ft^2$ and with a width of more than 20 ft. and/or height of more than 8 ft. Maximum allowable cycle time for specimens over 75 $ft^2$ = (area of specimen – 75) x (0.06) +3 second maximum allowable cycle time for this equation is not to exceed 10 seconds.