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**CHECKLIST #0463 FOR THE APPROVAL OF:  
ROOFTOP MECHANICAL EQUIPMENT (EXHAUST FANS & VENTILATORS)**

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- ❑ Basic Requirements Checklist.
- ❑ One set of the manufacturer's 'approval document' including:
  - a) Elevations and sections with all dimensions and weight.
  - b) Exterior components and reinforcement details with dimensions, thicknesses and material description (including galvanization).
  - c) Fan-curb and curb-roof deck connections (anchoring system).
  - d) Add a note stating the following: This approval is for the structural performance and impact resistance only. Interior mechanism and/or electrical circuitry are outside the scope of this approval.
- ❑ Calculations verifying anchoring (considering lateral & uplift loads). Amount of anchors shall not be less than those used on impact units, if impact resistant.
- ❑ 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 TAS201 (optional: if performed, fan must remain operable after impact; if not performed specify on drawings). Test largest and smallest units.
- ❑ Uniform static air test per TAS202 (safety factor of 2 applies). On largest units and each smaller w/ lighter gauge.
- ❑ Wind Driven Rain test per TAS 100(A) (Optional, if not performed specify on drawings).

Notes:

1. If roof fan has plastic as a component, add the plastic checklist to these requirements.
2. Testing shall be done in the same manner, as product will be installed in the field.
3. Test one specimen of each model and rate them for the lowest pressure. Test each model as indicated above

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Rooftop Mechanical Equipment (Exhaust & Ventilation Fans)

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