

ON-SITE REQUIREMENTS FOR AIR TIGHTNESS TESTING

BSRIA Mini Fan Rover Require

The following outlines the requirements to complete the test programme on-site.

1. All mechanical ventilation openings will require to be sealed with polythene sheet or Cordek and self-adhesive tape. Smoke extract fans/vents, etc. should not be sealed.
2. All exterior doors and windows need to be kept closed during the actual pressurisation tests.
3. **SUFFICIENT ACCESS TO A DOOR FOR THE MINI FAN ROVER IS REQUIRED.** The overall length, including ductwork is 10.5 m. A distance of a least 16 metres is therefore required to manoeuvre the facility into the required position and be normal to the access door. The unit should be attached to a suitable door. A section of plywood, MDF or chipboard should be fitted to the open door aperture and a hole cut in the board 0.82 metres diameter with the bottom of the hole 300mm above floor level.
4. **A Banksman would be required to assist in reversing the Mini Fan Rover into position.**
5. **Someone would also be required on site to provide Health & Safety cover.**

N.B. IF ITEMS 4 AND 5 CANNOT BE PROVIDED BSRIA LTD SHOULD BE INFORMED SO THAT THEY CAN PROVIDE A SECOND PERSON WHICH WILL EFFECT THE QUOTED PRICE.

6. The actual test (after set up) is usually completed in well under one hour. During this period no personnel should enter or exit the building. It is preferable if the building is unoccupied.
7. There should be no moveable objects near the fan unit inside the building, since they would be displaced by the air flow.
8. The integrity of the structure should be complete for the tests.

Additionally for smoke tests:

9. A longer period of time is required for the building to be evacuated for smoke tests.
10. For the whole building smoke test, four (4) sockets distributed around the building will be required and in accordance with BS4343 (IEC 309 / CEE 17), 240 volt/50 Hz, 32 amp, 2P+E (E at 6 O'clock). It should be noted that each generator requires 20 amps for correct operation.

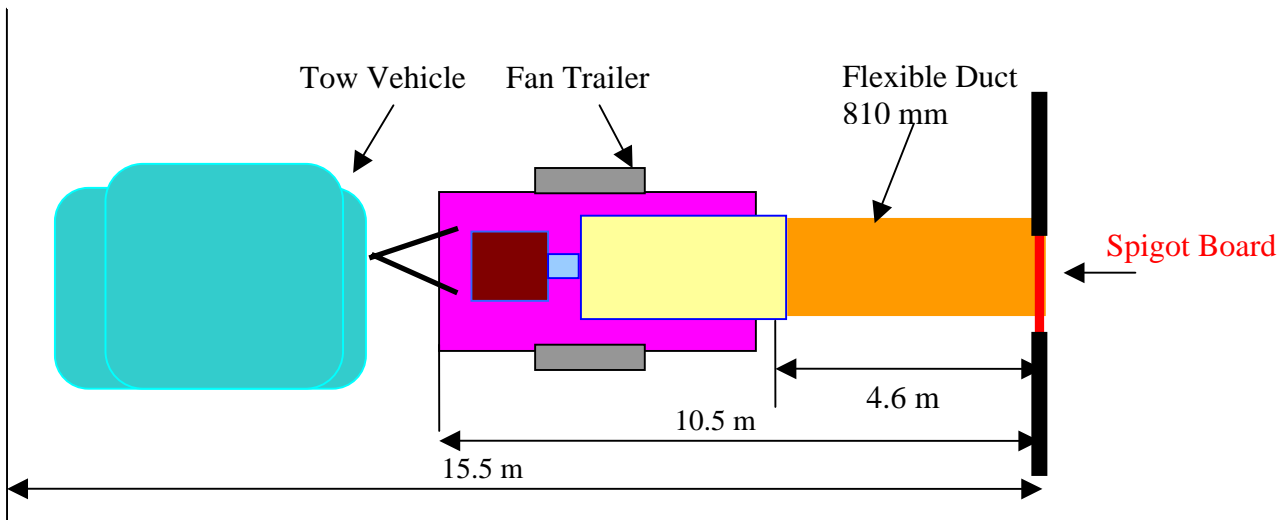
If you have any query relating to the above please telephone 01344 465616

SET-UP DIMENSIONS

The contractor is to supply suitable fixing locations to allow the BSRIA spigot board to be attached to the building, this usually takes the form of a plywood board

MINI FAN SET-UP DIMENSIONS

Overall test rig height 1.80 m Overall test rig width 1.96 m



MINI FAN SPIGOT BOARD

