



GBSI Uses State of the Art Hyper Large Fans For First Time In GCC

Green Building Solutions International (GBSI) has recently conducted the largest single air tightness test in GCC region - 307, 000 cubic meters.

Using extremely sensitive, large scale electric fans each capable of 200,000 m³ each @ 75 Pa or 250,000 m³ @ 50 Pa, the test was conducted as a 'Whole Building Air Test' (WBAT) for the new Four Seasons Hotel in Abu Dhabi.

In the case of this test, the **number of tests required to fully verify the air tightness of the entire building was reduced from 4 tests to 1 test**, significantly reducing cost and time.

Project construction schedule changes reduced the available time for the municipality required testing.

"GBSI was able to meet this challenge by utilizing state-of-the-art Hyper Large Electrical Fans, shortening the required building envelope verification process to one single overnight test and thus meeting the compressed time schedule," said William Whistler, GBSI managing director and owner.

As a result of the success of this significant test, GBSI now has this state of the art equipment permanently located here in the UAE and available to simplify test set up and reduce costs for tests over 100,000 cubic meters in the future.



We look forward to supporting your project requirements with our services:

Air Tightness Testing, Infrared Surveys for Thermal Bridging, Indoor Air Quality Testing, Product and Materials Testing including Effective 'U' Value Calculations and WBAT.

Best regards,
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