



The stack requirements for air emission testing are as follows...

The preferable distance between the test ports and the downstream disturbance (Stack Outlet) should be two stack diameters (this cannot be less than $\frac{1}{2}$ the stack diameter). The preferable distance between the test ports and the upstream disturbance (Stack Inlet) should be eight stack diameters (this cannot be less than two stack diameters).

Test ports should be 3 to 4 inches in diameter unless you need to monitor for particulate as PM10 or PM2.5; then a 6 inch test port is required. Test ports (2 or 4 ports) should be installed on a round stack at a location of 90 degrees from each other. Eye bolts should also be installed 3 to 4 feet above each of the test ports to provide approximately 300 lbs of support.

Pace Analytical can provide you a port location diagram for either round or square stack configurations. This diagram will also include required safety elements for sampling.

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