

INSTRUCTIONS FOR USE OF CONSTRUCTION SPECIFICATION

AIR FILTRATION AND SCRUBBING, CODE 371

1. Applicability

This specification is applicable for the installation of a device or system to control gaseous and particulate air emissions from ventilated structures by inertial collection, filtration, electrostatic collection, adsorption, scrubbing, and/or bioremoval.

2. Items to be included in the "ITEMS OF WORK AND CONSTRUCTION DETAILS" or on the Construction Drawings.

- a. Type and concentration/amount of air contaminant(s) to be targeted for removal.
- b. Type of air filtration and scrubbing system.
- c. Size and capacity of the air filtration and scrubbing system.
- d. Identification of the air to be treated (i.e., concentrated airflow(s) from a mechanically ventilated structure or air inside a structure).
- e. Characteristics of the concentrated airflow or air inside the structure, such as velocity, temperature, and moisture content.
- f. Design parameters for the device or system related to air contaminant removal.
- g. Process controls and monitoring.
- h. Expected performance (control efficiency) of the device or system.
- i. Utility location and notification.