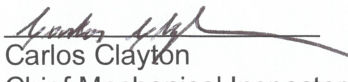


COMMERCIAL KITCHEN GREASE EXHAUST SYSTEM TESTS

Section 510.5.6 requires that a duct leakage test be performed prior to the use or concealment of a grease duct system to determine whether the welded joints and seams are liquid tight. The leakage test can be a light test, water pressure test or other approved methods as allowed by the Mechanical Section.

In addition, Section 511.2.2.1 requires a performance test before final to verify that the rate of exhaust airflow is as required by code. The inspector must be provided with a written airflow report for each individual commercial hood indicating the volume of exhaust air matching the approved plans. The report shall be prepared and signed by a licensed airflow contractor. Furthermore, Section 511.2.2.2 requires a capture and containment test to be conducted with the appliance under the hood at operating temperature. This test shall be verified visually by observing smoke or steam produced by actual or simulated cooking.


Carlos Clayton
Chief Mechanical Inspector