



Clark County Building and Fire Prevention Field Inspection Division **FIELD INSPECTION GUIDELINE**

Division:	Inspections	Policy & Procedure:	FIG-M-005
Subject:	Exhaust Grease Duct Testing for Type I Hoods	Effective Date:	10/22/2008
Code:	2018 UMC Section 510.5.6	Revised Date:	10/01/2020
Proposed:	Matthew Brewer	Approved:	Sam Palmer

Interpretation:

The Mechanical Code states that all welds, seams, joints, penetrations, and duct-to-hood connections for grease ducts shall be liquid tight.

Field Application:

A light test shall be the approved testing method for all grease ducts. A light test shall be performed by passing an incandescent lamp having a power rating of not less than 100 watts (or 1600 lumens, 16-20 watt LED) through the entire section of duct work to be tested. The lamp shall be open (safety cage is permitted) so as to emit light equally in all directions perpendicular to the duct walls. The duct work shall be permitted to be tested in sections, provided every joint is tested. When applicable, testing shall be performed on the ground before installation of the duct.