

**Report By:**

**All State Fire Midwest  
1030 W. 23rd, Suite G  
Independence, MO 64055**



**Report: Sierra Grill Duct Test  
Function: Maintenance/Service  
Date: 01/02/2023**

**PROJECT  
Sierra Grill**

8659 Penrose

Lenexa, KS 66219

**Client**

Jordan Crawley  
7833 Barton Street  
  
Lenexa, KS 66214

# All State Fire Midwest

Project: Sierra Grill

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## Sierra Grill

### CheckList Information

**Name :** Duct Integrity Test Sierra Grill **Status :** Submitted  
**Assigned Organization :** All State Fire Midwest **Asset :**  
**Requesting Organization :** All State Fire Midwest

### CheckList Item Details

Pressurized UV sensitive water test using a water jet through custom welded ductwork. Hood 1, Hood 2 and common duct from exhaust hood to previously tested vertical duct. Vertical exhaust ductwork previously inspected and approved by city of Lenexa and was excluded from this test.

- [Open](#) Hood\_Layout\_Sierra\_Grill.pdf

Hood 1 and Hood 2 exhaust duct risers, junctions and common duct free of visible leaks? Yes



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Does the ductwork supporting hoods 1 and 2, pass NFPA 17, 17a, 96 and ASHRAE 154 requirements at the time of testing? Pass



ASHRAEDuctTest.jpg

Pressurized UV sensitive water test using a water jet through custom welded ductwork. Hood 3 is designed for solid fuel cooking and is a dedicated exhaust duct. Hood 3 was tested from the exhaust duct collar to previously tested vertical duct. Vertical ductwork previously inspected and approved by the city of Lenexa and was excluded from this test.

- [Open](#) Hood\_Layout\_Sierra\_Grill.pdf

Hood 3 exhaust duct riser and connection to main duct work free of visible leaks?	Yes
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Does the ductwork supporting hood 3 meet NFPA 17, 17a, 96 and ASHRAE 154 requirements at the time of testing?	Pass
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ASHRAEDuctTest.jpg

**Notes/Comments :**

All State recommends that all ductwork associated with water wash self cleaning hoods be manufactured from stainless steel rather than black iron to avoid corrosion and rust that may affect future duct integrity.