



INSPECTION REPORT

Report Issued: Dec 01, 2021

Inspection Result: FAILED

Permit Number: SPRMH210323

Issuance Date: Sep 23, 2021

Property Address: 2305 MT WERNER CIR;

Contractor: MTech Mechanical Technologies Group 12300 Pecos Street Westminster, Co 80234 (719) 782-4000

To construct: KVC/GSQ TI Reno

On this day we have inspected your construction for **Mechanical Rough-in Inspection** and we find the following result of the inspection. If there are any questions, please call the inspector at the address below.

Comments: Inspection Failed due to smoke test failing, see corrections listed and call back for a reinspection.

Guards not provided on the roof, but exception below is met and will require the owner to implement this into the safety plan for those who conduct maintenance.

Exception: Guards are not required where fall arrest/restraint anchorage connector devices that comply with ANSI/ASSE Z 359.1 are installed.

Corrections:

- 1 1. Smoke test conducted on 12/01/21 and leaks existed on the top of the hood where duct connections are on both sides of the hood, other areas may have leaks but it was impossible to see due to the leaking at the top of the hood, also there was not sufficient amount of smoke in the duct on the roof to conduct this inspection, contractor to re-schedule another smoke test.
2. Need a new As-Built Design of the Type 1 Hood, which shall include any changes made since the permit was originally approved approved by Routt County Building Department, for Type 1 Hood Ducting, Hood, and Fan. Provide New Stamped Mechanical Plans per item 1 above, also the Mechanical Engineer must review the captive air plans and specifications and update the mechanical plans to reference the equipment, hood, and duct work that was installed.



3. Does the Captive Air hood have a grease trench filter installed in the hood to capture grease that will run back down to the hood?
4. Sealed connections on joints should be reviewed per captive air, currently we have openings in connections above the hood before it goes vertical up through the roof, these are fittings on the outer duct, not the inner duct.
5. Draft stopping as the duct enters roof framing above hard ceiling could be mineral wool.

Sincerely,

Todd Carr
Building Official
tcarr@co.routt.co.us