

School/Facility: Marriotts Ridge High
Location: Room 330
Date of IEQ Report Form: April 4, 2017
Date(s) Investigated: April 5, 11, and 21, 2017
Date of Report: June 27, 2017

IEQ Concern:

Individual reported a burn odor from fan coil unit on one day.

IEQ Investigation Process:

Identify deficiencies that may impact IEQ and/or sources of odor concerns. Typically includes the following depending on the nature of concern, but not limited to:

- interview/questionnaire of concern individual(s)
- inspection above drop ceiling (condition of roof deck, pipe insulation, return air plenum)
- inspection of ventilation system (operation of variable air volume box and outdoor air dampers, check controls, measurements of carbon dioxide, temperature and relative humidity, sources near outdoor air intake, measure return and supply air volume, cleanliness of coils, liner and condensate pan)
- inspection of exterior
- inspection below drop ceiling (housekeeping, sink and floor drain traps, signs of past and present moisture concern via visual and/or moisture meter, mold growth, ensure connection of current and capping of abandoned sanitary vents, odorizers, excessive plants and fabric items, identify potential pathways, and measure volatile organic compounds, carbon monoxide, and lighting)

Findings:

- An outstanding odor was not detected.
- The bottom coil of the fan coil unit had heavy particulate buildup.

Corrective Actions:

- Building Services cleaned the coils of the fan coil unit.