

School/Facility: Centennial High School
Location: Dance Studio
Date of IEQ Report Form: February 23, 2018 (email correspondence)
Date(s) Investigated: February 23, March 16, and April 6, 2018
Date of Report: May 1, 2018

IEQ Concern:

An individual reported an odor, described as a rubber like and / or dirty feet within the dance studio.

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 the concerned 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:

- The roof top ventilation unit (RTU) dedicated to serving the dance studio was not operating on the initial day of the investigation.
- With exception to perfumes and lotions worn by individuals, the concerning odor was not detected during the investigation.

Corrective Actions:

- Per work order 61111, Building Services addressed the RTU operation by correcting computer controls / communications.