

CCS Administrative Procedure

2.30.05-L Radon Gas Monitoring and Mitigation

Implementing Board Policy [2.30.05](#)

Contact: Environmental Health & Safety, 533-8686

1.0 Purpose

CCS, recognizing the importance of providing and maintaining quality facilities and infrastructure to enhance the delivery of education and support services to the community, will provide for and operate its facilities in an effective and efficient manner. This includes repair and corrective maintenance of facilities, equipment and systems in support of the uninterrupted delivery of services, maximized functionality and safety of the work environment, and preservation of capital investments.

An important part of maintaining a safe work environment is the monitoring of radon gas in the workplace and mitigating levels that are above U.S. Environmental Protection Agency (EPA) voluntary guidelines.

2.0 Limitations and Requirements

- 2.1 The CCS Environmental Health & Safety Office is responsible for administering this procedure.
- 2.2 All district owned and managed buildings are subject to this procedure without exception.

3.0 Definitions

The following definitions are specific to the terms of this procedure and do not modify or revise similar terms as used in related procedures or collective bargaining agreements.

- 3.1 Radon: a naturally occurring gas that comes from the radioactive decay of radium and is found in most rocks and soil.
- 3.2 Picocuries per liter of air (pCi/L): an international measurement of radioactivity.
- 3.3 Building: a district owned or controlled building or component of that building.
- 3.4 District Director of Compliance: the administrator responsible for overseeing Environmental Health and Safety.
- 3.5 District Director of Facilities: the administrator responsible for overseeing radon mitigation plans.
- 3.6 Corrective Maintenance: Corrective and safety or regulatory work, includes work that is identified through preventative maintenance inspections, employee observation, reports to the Facilities Department's call center, or unforeseen work including the repair or replacement of facility components or equipment requiring immediate attention because the functioning of a critical system is impaired or because health, safety, or security of life is endangered. Corrective maintenance supersedes all other categories of maintenance.

4.0 Plan Scope and Application

- 4.1 All CCS buildings will be tested for radon gas every six (6) calendar years beginning July 1, 2015. Retests will initially be scheduled to bring all buildings current with this standard. The CCS Environmental Health and Safety Office has responsibility for scheduling radon tests.
- 4.2 The radon tests will be administered in frequently occupied, ground contact rooms during the coldest months of the heating season.
- 4.3 The radon tests will be conducted by an outside vendor.

5.0 Responsibilities

CCS shall ensure that:

- 5.1 If initial tests result in an average of 4.0 pCi/L or less of radon then the building/area is considered within acceptable standards and will be retested on the normal six (6) year cycle.
- 5.2 If initial tests result in an average greater than 4.0 pCi/L of radon then the building/area will be retested using a long term test of 90 calendar days. Prior to retesting, the building's air circulation system will be checked/adjusted to increase fresh air exchanged in the affected area(s) of the building if possible.
- 5.3 If initial tests result in an average equal to or greater than 10.0 pCi/L of radon then the building/area will be retested using at least two short-term tests within the next 30 calendar days in the same location as the initial measurement, and if possible, during the coldest months of the heating season.
- 5.4 If the retest results in a confirmed average of 4.0 pCi/L or greater, then the Facilities Department will develop a mitigation strategy. The higher the radon level the greater the urgency for mitigation.
- 5.5 Mitigation of radon levels will be considered corrective maintenance and prioritized ahead of preventative and improvement work.

6.0 Record Keeping

The CCS Environmental Health and Safety Office will maintain records of radon test results.

7.0 Campus Contacts

- 6.1 District Director of Compliance, 279-6246
- 6.2 District Safety Officer 2, 533-8686
- 6.3 District Director of Facilities, 533-8378

8.0 Related Information

- 8.1 [Radon Measurement in Schools Revised Edition](#)
- 8.2 [United States Environmental Protection Agency](#)