

4.16 Incinerator Toilets

Revision: ~~April 21, 2000~~September 18, 2014

4.16.1 Description

Incinerator toilets are toilets, within a dwelling or other structure, that store and incinerate nonwater-carried human urine and feces. Incineration ~~may be~~is facilitated by petroleum fuels or electricity.

4.16.2 Approval Conditions

1. Water under pressure shall not serve the dwelling unless ~~a~~public sewer is available or ~~another acceptable method of on-site disposal is available~~full sized subsurface sewage disposal system is installed.
2. Incinerator toilets may be located ~~used wherever pit privies are applicable~~in structures other than the dwelling if the structure is constructed to meet the requirements of a pit privy building (section 4.18.4).
3. ~~3.~~—Units are restricted to disposal of human feces and urine and shall be installed and operated according to the manufacturer's recommendations.
4. Incinerating toilet models must be approved by DEQ prior to installation (section 5.6).
- ~~3.5.~~Proper electrical, plumbing, and gas line permits must be obtained through the Idaho Division of Building Safety or other applicable regulatory agency for the area the toilet is installed within.

4.16.3 Design

1. All materials used in ~~toilet~~ construction of the incinerator toilet must be durable and easily cleaned. ~~The combustion area and flue must be constructed of heat-resistant, noncorrosive metals.~~ Styrene rubber, PVC, and fiberglass are examples of acceptable materials for toilet components.
- ~~1.2.~~The combustion area and flue must be constructed of heat-resistant, noncorrosive metals.
- ~~2.3.~~The design must demonstrate adequate resistance to internal and external stresses.
- ~~3.4.~~All mechanical and electrical components should be designed to operate safely and be capable of providing continuous service under reasonably foreseen conditions such as extremes in temperature and humidity.
- ~~4.5.~~The toilet unit must be capable of accommodating full ~~or part~~-time use based on two people in the first bedroom and one person in every other bedroom for standard dwellings, full time use for other structures or dwelling uses will be determined on actual capacity and projected visitors per day.
6. Continuous positive ventilation of the storage or treatment chamber must be provided to the outside.

- a. Ventilation components should be independent of the other household-structure ventilation systems.
- b. Venting connections must not be made to room vents or to chimneys.
- ~~a.c.~~ All vents must be designed to prevent flies and other insects from entering the treatment chamber.

Note: Toilets, as plumbing fixtures, are under the regulation of the Idaho Division of Building Safety, ~~State Plumbing Board~~Plumbing Program. Current plumbing code prohibits using incinerator toilets without the permission of the health district. ~~Supply a copy of the approved permit application to the local plumbing authority~~Proof of permission will be provided through a permit issued by the health district.

4.16.4 Operation & Maintenance

1. The toilet should be inspected regularly to check the quantity of incinerated waste for removal needs.
- ~~1.2.~~The toilet components should be inspected and maintained according to the manufacturer's recommendations.