

567—101.406(455B) Design requirements. Unless registered pursuant to 567—101.404(455B) or otherwise specified within a permit, a solid waste transfer station shall be designed and constructed in accordance with this rule.

101.406(1) Solid waste transfer station building. A solid waste transfer station shall include a building inside which all solid waste is unloaded from solid waste collection vehicles and loaded into solid waste transport vehicles.

a. All surfaces that come into contact with solid waste shall be enclosed by walls and a roof satisfactory to:

- (1) Minimize dust.
- (2) Prevent litter from exiting the building.
- (3) Keep precipitation out of the building.
- (4) Prevent the attraction or harboring of vectors.

b. All surfaces that come in contact with solid waste or washwater shall be impervious to liquids.

c. The solid waste transfer station building shall have a drainage system that maintains a separation between stormwater and washwater.

d. The solid waste transfer station building shall have a washwater collection system that directs washwater to a storage tank for subsequent disposal, a sanitary sewer system, or equivalent as approved by the department. Unless otherwise approved by the department, storage tanks shall have high-level indicators or gauges.

e. Each area where unloaded solid waste is stored during nonoperating hours shall be clearly marked and include a fire detection system that notifies local emergency responders in case of a fire.

f. If solid waste is to be managed or stored in a surge pit, then effective odor control mechanisms are required and a sprinkler system shall be installed over the area.

g. The solid waste transfer station building shall have adequate indoor and outdoor lighting that minimizes the difference in lighting when entering or exiting the building.

h. The solid waste transfer station building shall have doors at each entrance and exit.

101.406(2) Other site design requirements. A solid waste transfer station shall:

a. Provide a secure perimeter fence with lockable gate(s).

b. Use a scale certified by the Iowa department of agriculture and land stewardship. A solid waste transfer station may use a certified scale located off the premises and owned by a separate entity.

c. Provide adequate queuing distance for vehicles entering and exiting the property such that lines of vehicles will not extend onto public streets during peak hours unless approved by the appropriate local or state government authority.

d. Provide signs or pavement markings indicating safe and proper on-site traffic patterns.

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