

567—106.10(455B) Transfer station design standards.

106.10(1) *Transfer station building.* A 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. Truck-to-truck transfer of solid waste that is not incidental solid waste transfer is not allowed outside a transfer station building. A rear-loading solid waste transport vehicle that does not have any other open access and securely abuts the transfer station building so that minimal amounts of solid waste escape during loading shall qualify as being inside the building. The transfer station building shall meet the following requirements:

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

- (1) Minimize dust and litter exiting the building.
- (2) Keep precipitation out of the building.
- (3) 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 transfer station building shall have a drainage system that maintains a separation between stormwater and washwater.

d. The transfer station building shall have a washwater collection system that directs washwater to a storage tank for later disposal, a sanitary sewer system, or equivalent as 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.

f. If solid waste is to be managed or stored in a surge pit, then effective odor control mechanisms such as, but not limited to, mist systems and air filters shall be required.

g. If solid waste is to be managed or stored in a surge pit, then a sprinkler system shall be installed over that area.

h. Each area where salvaged materials are stored shall be clearly marked.

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

j. The transfer station building shall have doors at each entrance and exit.

106.10(2) *Other transfer station design requirements.* A 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.

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 government authority.

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

e. Post a sign at the primary entrance to the facility specifying:

- (1) Name and permit number of facility.
- (2) Operating hours.
- (3) Materials that are accepted or the statement "All materials must have prior approval."
- (4) Telephone number of emergency contact person(s).