impeller in the pump casing. In a magnetic drive pump, no seals contact the process fluid.

_Metering pump_ means a pump used to deliver reactants, ABA, or additives to the mixhead.

_Mixhead_ means a device that mixes two or more component streams before dispensing foam producing mixture to the desired container.

_Molded flexible polyurethane foam_ means a flexible polyurethane foam that is produced by shooting the foam mixture into a mold of the desired shape and size.

_Mold release agent_ means any material which, when applied to the mold surface, serves to prevent sticking of the foam part to the mold.

_Plant site_ means all contiguous or adjoining property that is under common control, including properties that are separated only by a road or other public right-of-way. Common control includes properties that are owned, leased, or otherwise operated by the same entity, parent entity, subsidiary, or any combination thereof.

_Polyol_, for the purpose of this subpart, means a polyether or polyester polymer with more than one reactive hydroxyl group attached to the molecule.

_Rebond foam_ means the foam resulting from a process of adhering small particles of foam (usually scrap or recycled foam) together to make a usable cushioning product. Various adhesives and bonding processes are used. A typical application for rebond foam is for carpet underlay.

_Rebond foam process_ means the equipment used to produce a rebond foam product. For the purpose of this subpart, the rebond foam process includes raw material storage; production equipment and associated piping, ductwork, etc.; and curing and storage areas.

_Reconstructed source_ means an affected source undergoing reconstruction, as defined in subpart A. For the purposes of this subpart, process modifications made to reduce HAP ABA emissions to meet the existing source requirements of this subpart shall not be counted in determining whether or not a change or replacement meets the definition of reconstruction.

_Recovery device_ means an individual unit of equipment capable of and used for the purpose of recovering chemicals for use, reuse, or sale. Recovery devices include, but are not limited to, carbon adsorbers, absorbers, and condensers.

_Research and development process_ means a laboratory or pilot plant operation whose primary purpose is to conduct research and development into new processes and products, where the operations are under the close supervision of technically trained personnel, and which is not engaged in the manufacture of products for commercial sale except in a de minimis manner.

_Run of foam_ means a continuous production of foam, which may consist of several grades of foam.

_Sealless pump_ means a canned-motor pump, diaphragm pump, or magnetic drive pump, as defined in this section.

_Slabstock flexible polyurethane foam_ means flexible polyurethane foam that is produced in large continuous buns that are then cut into the desired size and shape.

_Slabstock flexible polyurethane foam production line_ includes all portions of the flexible polyurethane foam process from the mixhead to the point in the process where the foam is completely cured.

_Storage vessel_ means a tank or other vessel that is used to store diisocyanate or HAP ABA for use in the production of flexible polyurethane foam. Storage vessels do not include vessels with capacities smaller than 38 cubic meters (or 10,000 gallons).

_Transfer pump_ means all pumps used to transport diisocyanate or HAP ABA that are not metering pumps.

_Transfer vehicle_ means a railcar, tank truck, or other vehicle used to transport HAP ABA to the flexible polyurethane foam facility.

§ 63.1293 Standards for slabstock flexible polyurethane foam production.

Each owner or operator of a new or existing slabstock affected source shall comply with §63.1294 and either paragraph (a) or (b) of this section:

(a) The emission point specific limitations in §§63.1295 through 63.1298;

(b) For sources that use no more than one HAP as an ABA and an equipment...
cleaner, the source-wide emission limitation in § 63.1299.

§ 63.1294 Standards for slabstock flexible polyurethane foam production—diisocyanate emissions.

Each new and existing slabstock affected source shall comply with the provisions of this section.

(a) Diisocyanate storage vessels. Diisocyanate storage vessels shall be equipped with either a system meeting the requirements in paragraph (a)(1) of this section, or a carbon adsorption system meeting the requirements of paragraph (a)(2) of this section.

(i) The storage vessel shall be equipped with a vapor return line from the storage vessel to the tank truck or rail car that is connected during unloading.

(ii) During each unloading event, the vapor return line shall be inspected for leaks by visual, audible, or any other detection method.

(iii) When a leak is detected, it shall be repaired as soon as practicable, but not later than the subsequent unloading event.

(b) Transfer pumps in diisocyanate service. Each transfer pump in diisocyanate service shall meet the requirements of paragraph (b)(1) or (b)(2) of this section.

(i) The pump shall be a sealless pump; or

(ii) The pump shall be a submerged pump system meeting the requirements in paragraphs (b)(2)(i) through (iii) of this section.

(iii) The pump shall be completely immersed in bis(2-ethylhexyl)phthalate (DEHP, CAS #118-81-7), 2(methyloctyl)phthalate (DINP, CAS #88515-48-0), or another neutral oil.

(iv) The pump shall be visually monitored weekly to detect leaks,

(vi) When a leak is detected, it shall be repaired in accordance with the procedures in paragraphs (b)(2)(iii)(A) and (B) of this section, except as provided in paragraph (d) of this section.

(A) The leak shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected.

(B) A first attempt at repair shall be made no later than 5 calendar days after the leak is detected. First attempts at repair include, but are not limited to, the following practices where practicable:

(1) Tightening of packing gland nuts.

(2) Ensuring that the seal flush is operating at design pressure and temperature.

(c) Other components in diisocyanate service. If evidence of a leak is found by visual, audible, or any other detection method, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected, except as provided in paragraph (d) of this section. The first attempt at repair shall be made no later than 5 calendar days after each leak is detected.

(d) Delay of repair. (1) Delay of repair of equipment for which leaks have been detected is allowed for equipment that is isolated from the process and that does not remain in diisocyanate service.

(2) Delay of repair for valves and connectors is also allowed if:

(i) The owner or operator determines that diisocyanate emissions of purged material resulting from immediate repair are greater than the fugitive emissions likely to result from delay of repair, and

(ii) The purged material is collected and destroyed or recovered in a control device when repair procedures are effected.

(3) Delay of repair for pumps is also allowed if repair requires replacing the existing seal design with a sealless pump, and repair is completed as soon as practicable, but not later than 6 months after the leak was detected.

§ 63.1295 Standards for slabstock flexible polyurethane foam production—HAP ABA storage vessels.

Each owner or operator of a new or existing slabstock affected source complying with the emission point specific