Coast Guard, DHS

§ 112.50–3 Hydraulic starting.

A hydraulic starting system must meet the following:
(a) The hydraulic starting system must be a self-contained system that provides the cranking torque and engine starting RPM recommended by the engine manufacturer. The hydraulic starting system must be capable of six consecutive starts, unless a second, separate source of starting energy capable of three consecutive starts is provided. A second, separate source of starting energy may provide three of the required six starts. If a second source is provided, the hydraulic system need only provide three consecutive starts.

(b) The stored hydraulic pressure must be automatically maintained within the predetermined pressure limits.
(c) The means of automatically maintaining the hydraulic system within the predetermined pressure limits must be electrically energized from the final emergency bus.
(d) There must be a means to manually recharge the hydraulic system.
(e) Charging of the hydraulic starting system must not cause insufficient hydraulic pressure for engine starting.


§ 112.50–5 Electric starting.

An electric starting system must have a starting battery with sufficient capacity for at least six consecutive starts. A second, separate source of starting energy may provide three of the required six starts. If a second source is provided, the electrical starting system need only provide three consecutive starts.


§ 112.50–7 Compressed air starting.

A compressed air starting system must meet the following:
(a) The starting, charging, and energy storing devices must be in the emergency generator room, except for the main or auxiliary air compressors addressed in paragraph (c)(3)(i) of this section.
(b) The compressed air starting system must provide the cranking torque and engine starting RPM recommended by the engine manufacturer.
(c) The compressed air starting system must have an air receiver that meets the following:
(1) Has a capacity for at least six consecutive starts. A second, separate source of starting energy may provide three of the required consecutive starts. If a second source is provided, the compressed air starting system need only provide three consecutive starts.
(2) Supplies no other system.
(3) Is supplied from one of the following: