§ 111.33–5 Installation.
Each semiconductor rectifier system must meet the installation requirements, as appropriate, of—
(a) Sections 10.20.2, 10.20.7, and 10.20.8 of IEEE 45–2002 (incorporated by reference; see 46 CFR 110.10–1); or
(b) IEC 92–304 (incorporated by reference; see 46 CFR 110.10–1).

§ 111.33–7 Alarms and shutdowns.
Each power semiconductor rectifier must have a high temperature alarm or shutdown, except as provided in § 111.33–11.

§ 111.33–9 Ventilation exhaust.
The exhaust of each forced-air semiconductor rectifier system must:
(a) Terminate in a location other than a hazardous location under Subpart 111.105 of this part; and
(b) Not impinge upon any other electrical device.

§ 111.33–11 Propulsion systems.
Each power semiconductor rectifier system in a propulsion system must meet sections 4–8–5/5.17.9 and 4–8–5/5.17.10 of ABS Steel Vessel Rules (incorporated by reference; see 46 CFR 110.10–1), except that each one for mobile offshore drilling units must meet the requirements in Part 4, Chapter 3, section 4/3.5.3 of ABS MODU Rules (incorporated by reference; see 46 CFR 110.10–1).


Subpart 111.40—Panelboards

§ 111.40–1 Panelboard standard.
Each panelboard must meet section 17.1 of IEEE 45–2002 (incorporated by reference; see 46 CFR 110.10–1).


§ 111.40–5 Enclosure.
Each panelboard must have a non-combustible enclosure that meets §§ 111.01–7 and 111.01–9.

[CGD 94–108, 61 FR 28279, June 4, 1996]

§ 111.40–7 Location.
Each panelboard must be accessible but not in a bunker or a cargo hold, except a cargo hold on a roll-on/roll-off vessel.

[CGD 94–108, 61 FR 28279, June 4, 1996]

§ 111.40–9 Locking device.
The door of each panelboard enclosure that is accessible to any passenger must have a locking device.

§ 111.40–11 Numbered switching unit and panelboard directory.
(a) Each panelboard switching unit must be numbered.
(b) Each panelboard must have: