

6820000 VIDEO EQUIPMENT
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

D3 Staff
850-330-1592

Comments: (6-6-13)

Within this specification there seems to be inconsistencies.

1. Line frequency is not called out in the specification. Although assumed to be 60Hz (Hertz or cycles per second) here in the United States other countries do use 50 CPS or hertz frequencies as their AC line standard. Devices could be manufactured to work on 50, 60, or a range of line frequencies as are some military devices. Powering a device intended specifically for 50 cps (Hz) with 60 Cps (Hz) could cause overheating or other issues including device power supply failure. I recommend verbiage be included to indicate the US line frequency standard of “60cps” or “60Hz”.

Response:

We consider the requirement for 60Hz line frequency to be sufficiently addressed by the requirement for products to operate during NEMA TS2 environmental testing. In addition to other operating and environmental requirements, the referenced TS2 sections indicate that the operating frequency range shall be 60Hz (+/- 3 hertz). No Change Made.

2. Review 682-1.2.6 Electrical Specifications; 682-2.2.8 Electrical Specifications and review the table in 683-2.3 (power requirements).

Response:

The requirements regarding line frequency appear in these sections since this TMC equipment is not subjected to TS2 environmental testing that would effectively require an operating frequency of 60Hz. No Change Made.
