



Request for Interpretation No. 35

of

AC Class Rule Version 1.4: December 8<sup>th</sup> 2015

**Rule References:**

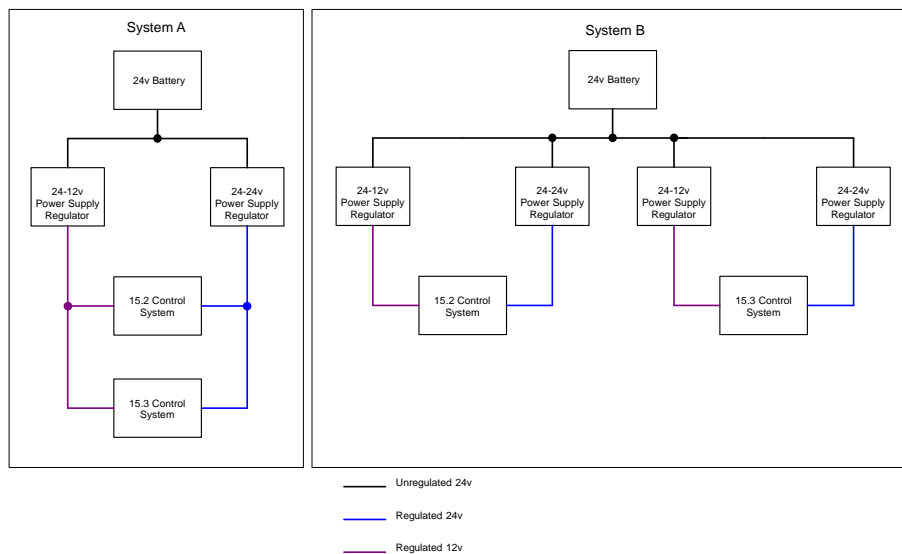
15.4 Power delivery control devices:

- (a) shall have the wiring for devices permitted in Rule 15.2 isolated and clearly identifiable from the wiring systems permitted in Rule 15.3. The wiring for devices described in Rules 15.2 and 15.3 shall be isolated and clearly identifiable from any other wiring system. Each of these systems shall have its own voltage supply which may be connected to a common battery provided each system is electronically isolated; and

**Background:**

We are using both 24v and 12v supplies for our 15.2 and 15.3 control systems. These systems are powered from a common 28v battery using DC-DC converters.

**Questions:**



1. Does the system depicted in diagram A comply with Rule 15.4?
2. Does the system depicted in diagram B comply with Rule 15.4?

If the answer to questions 1 and 2 is no, is the measurement committee able to provide any guidance on how we may ensure our power supply systems are compliant with Rule 15.4

**Interpretation:**

1. No.
2. Yes.

END