Safety Requirements

II-4. Design and Manufacture

- Design and manufacture the equipment to meet the required specifications
- Address the efficient, safe operation of a system by considering design of all components, the equipment scope and its context of use.
- Allocate safety functions to components, subsystems, and systems or external risk reduction facilities.
- Implement development and integration plans for the electronics, software/firmware, and communications components.

II-5. Verify

- Conduct Design for Safety and Performance Reviews
- Test all components, subsystems, and systems

II-6 Configure, Commission, and Train

II-7. Validate

- Validate that the installation meets the PPES requirements

- Incorporate safety practices when Configuring and commissioning a PPES