

Document checklist: Commercial/industrial gas equipment design registration

Required documentation

The following should demonstrate that CAN/CSA B149.3 code have been met.

1. Construction P&ID's of the appliance.
2. Complete valve train drawing.
3. Electrical and control schematics.
4. Venting design.
5. Purge calculations for purge timing.
6. Service and combustible clearance.
7. Proof of electrical approval.
8. Hazop where required.
9. Manufacturers rating plate must be attached to the appliance, serial number must be provided.

Documents required when a program logic controller (PLC) is used as a burner management system (BMS)

1. Functional logic diagrams complete with timer and counter presets power distribution drawings.
2. A list of all error and alarm messages, their meaning, and suggested operator reactions.
3. A description of the microprocessor-based system and BMS operation, a training manual, security procedures, privilege levels, and assignments.
4. Supply [I/O list](#) using the template available here.

Note: Refer forms below for up-to-date requirements.