

*Are you a Class A gas fitter?
Have clients asked you to connect unique or
specialized equipment?
Do you need help with Special Acceptance
from OFC?
Did you know we can help you?*

Special Acceptance for Unique Industrial Gas Fired Equipment

Special Acceptance Approval

Ovens, incinerators, grain dryers, powder coating systems, and many other types of industrial gas fired equipment are required to have special acceptance approval through the Office of the Fire Commissioner (OFC) Gas Inspectors Branch. For many owners this is often a long, expensive, and frustrating process. It is hard to find qualified personnel experienced in the various steps involved. The OFC requires that an independent engineer certify that the unit is compliant to the various applicable codes, standards and local bylaws. Even moving approved equipment from one location to another requires re-approval.

Our Process

Examine Appliance and Identify Deficiencies

We examine the gas fired appliance. Its documentation, shop drawings, manuals, and control drawings are collected and reviewed. All applicable Codes, Standards, and Regulations or Bylaws are identified. All deficiencies or concerns are identified and solutions are discussed.

Prepare Plans and Special Acceptance Permit Application

We develop plans that show the gas train, the appliance and all required modification and installation details. The plans, supporting documentation and a permit application is submitted to the OFC. At this point, the work can be executed.

Certification and Start-up

Once the installation is completed and inspected by DGH, a start-up inspection supervised by the OFC can be scheduled. We will attend the start-up to address immediately any questions or issues that arise. By being on site to support the gas fitter we are usually able to avoid failed start-ups and call backs by the OFC. On successful start-up, we will work with the OFC to secure formal certification and prepare a permanent record for the client.

Call Us

- ✓ 30 years of experience serving Manitoba industry
- ✓ One-stop shop for all your engineering needs
- ✓ Collaborate with owners and mechanical contractors to get things done
- ✓ Prevent projects from dragging out for weeks and months

Let us help you with your Special Acceptance needs.

Our Service

We have extensive experience in the installation and acceptance of many types of industrial gas fired equipment. We have good relationships with the gas inspectors and know what is required and expected during installation and start-up. We will help gas installers ensure that the system has all the required features and safety devices to allow certification and a smooth timely start-up.

Permit and Application Process



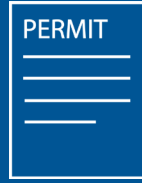
Review

1. Review documentation for code compliance
Examples:
shop drawing manuals
control drawings
2. Flag deficiencies and discuss solutions with client



Submit Application

3. Prepare Plan and Special Acceptance Permit Application
Develop engineered plans that show:
- gas train
- the appliance
- any required modifications or installation details
4. Submit engineered plans to OFC for review



Obtain Permit

5. Obtain Permit
6. Complete installation



Start Up Inspection

7. OFC completes start-up inspection
8. DGH attends inspection to deal immediately with questions or issues
- avoid failed start-up (when OFC delays or denies permission)



Certification

9. DGH issues certification to complete the process

Our Approach

Our approach to each of our projects is simple – provide consistent, excellent engineering advice including drawings and specifications delivered on time and on budget.

Thinking Beyond

We develop solutions to meet your immediate requirements but we also consider how the solutions will serve you in the longer term.

Additional Resources

More information regarding business rules which apply to gas permits and special acceptance are available here: http://www.firecomm.gov.mb.ca/docs/ofc_14_004_gas_equip_special.pdf

Legal Requirements to be Considered

- ✓ CSA 149.1 Natural Gas and Propane Installation Code
- ✓ CSA 149.3 - Code for the Field Approval of Fuel-Related Components on Appliances and Equipment
- ✓ NFPA 33 - Standard for Spray Application Using Flammable or Combustible Materials
- ✓ NFPA 86 - Standard for Ovens and Furnaces
- ✓ NFPA 91 - Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists and Particulate Solids
- ✓ Office of the Fire Commissioner - Gas equipment bulletins
- ✓ Other applicable codes specific to your project

To learn more about how we can help you, phone: **1-877-334-8846**

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