



The Commonwealth of Massachusetts

Town of **SUDBURY**



Application for Standard Permit

FP-006
(Rev. 1.2018)

➔ Return completed application to: Sudbury Fire Dept.

77 Hudson Rd Sudbury MA 01776

Permit Number: **OB** _____

DIG SAFE NUMBER

City or Town: **SUDBURY** _____

Start Date: _____

Date: _____

In accordance with the provisions of M.G.L. Chapter 148, as provided in Chapter **13-527 CMR 1** application is hereby made by _____
(Full Name of Person, Firm or Corporation) (Phone Number)

of _____
(Address: Street or P.O. Box, City or Town, Zip Code)

for permission to (state clearly purpose for which permit is requested) _____

Address of Work:

Name of Competent Operator/Installer _____ Cert. No. _____

Date Issued-rejected _____ By _____
(Signature of Applicant)

Date of expiration: _____ Fee **\$50** Amount Paid \$ _____



The Commonwealth of Massachusetts

Town of **SUDBURY**



FP-006
(Rev. 1..2018)

PERMIT

Town: **SUDBURY** _____

DIG SAFE NUMBER

Date: _____

Start Date: _____

Permit Number (if applicable): **OB** _____

In accordance with the provisions of M.G.L. Chapter 148, as provided in Chapter **11-527 CMR 1** this permit is granted to _____
(Full Name of Person, Firm or Corporation)

for _____

Restrictions: **Full compliance to current edition of Ch. 11-527; compliance to applicable provisions of 780 CMR, meet the standards of NFPA 31.**

at _____
(Street and # or Describe Location for Adequate Identification)

Fee Paid \$ _____ This permit will expire on _____

Signature of Official Granting Permit: _____ Title _____



This permit must be conspicuously posted upon the premises



Note to Installer: Inspections will be conducted using this checklist as a guideline. Current regulations will apply.

ALL INSTALLATIONS

- All applications must be on Form 1
- Over 10,000 gallons on site requires License & Permit from local community
- Certificate of Competency required, no other license acceptable, plumbing, electrical, etc.
- Verify emergency shut-off is outside burner room
- Verify separate circuit for oil burner
- Verify presence of overhead thermal switch
- Verify presence of service switch within 3' of burner
- Verify presence of high limit controller
- Primary control has safety shutoff within 15 secs.
- Stack type primary may be easily removed
- Clear access to clean out and services panels
- No oil leaks present at burner
- Installation instructions present on site
- Combustion test results on Form 1
- Three metal screws at each joint in chimney
- IF POWER VENTER IS USED: Check air pressure switch, post purge control and secondary control. Installation instructions present.
- Draft regulator is present unless exempted
- Adequate air is present for combustion
- Adequate clearances per manufacturers listing
- Thermal valves at burner and tanks
- Listed flexible hose may be used (at burner only)
- No Teflon tape on oil line or on oil line fittings
- No compression fittings are permitted
- Solder joints made with 500 degree F solder or greater
- All oil supply and return lines must be protected from injury. All new lines must be continuously sleeved with non metallic tubing. Oil safety valves may be used on existing lines not exposed to freezing. Overhead lines require no sleeve and are permitted
- Oil supply lines and return lines to tanks exposed to freezing temperatures must come off the top of tanks
- Lines for kerosene, and range oil (#1) are exempt -
- No oil leaks present at tank
- Listed oil filter is present
- Tank is UL80 or (DIB+) PV-VI 321 (under 660 gal) or UL 142 (over 660 gal)
- Thermal shutoff valve located at bottom of tank
- Vent as per NFPA 31
- Oil tank gauge must be present to determine oil level
- Inside tanks have audible fill device (vent alarm)
- Outlet cross connection at bottom of tanks must be 1/2" pipe or tubing.
- Non-combustible tank supports, tank secure.

UNENCLOSED TANKS

- Single tanks shall not be larger than 660 gallons
- Maximum aggregate capacity of unenclosed multiple tanks is 1320 gallons
- Unenclosed tanks shall be at least five feet from an internal or external flame
- Unenclosed tanks shall not obstruct service meters, service panels and shutoff valves
- Bottom outlet tanks pitched to the opening
- Tanks exposed to vehicles will be protected by barriers

ENCLOSED TANKS

- Over 660 gallon tanks enclosed by two hour fire resistive assembly
- Tank enclosures provided with 6" high tight sills or ramps
- Tank is 4" above floor supported by 12" thick masonry saddles spaced not more than eight feet on centers and 15" from top and walls of enclosure
- All oil must be transferred by pump, and connections must be at the top of the tank

ALL TANKS

- Two tanks may be cross-connected as shown in Fig. 8.9.1 NFPA 31 2011 edition
- Return lines must enter the top of tanks
- Vent pipes must be two feet from building openings
- Vent pipes must terminate 3 ft. above grade min.
- Vent pipes must have weatherproof caps
- Fill pipes must be two feet from building openings
- Fill pipes must have tamper proof identifying caps

OUTSIDE TANKS

- All UST's and tanks over 660 gallons must be installed as per NFPA 31 2011 edition
- Tank protected from physical damage
- Tanks exterior coated with organic alkyd resin or asphalt paint
- Damaged protective coatings must be recovered
- Tank does not block means of egress
- Tank mounted on continuous 4" thick slab that extends 8" beyond tank perimeter
- Tank is supported by rigid non-combustible supports