

Manufacturing Occupancies Owner / Occupant Inspection Information

The B.C. Fire Code requires building owners/occupants to comply with the requirements on this checklist.

These requirements are in addition to those listed in the Fire Safety & You brochure.

Manufacturing Uses Include:

- Manufacturing and production

Checklist: Common Fire Service Requirements

- **Address:** must be visible from road and lane, free from foliage, trees, etc. and in a contrasting colour.
- **Chemical storage:** chemicals must be separated by class and stored in an approved manner.
- **Electrical equipment:** must be free of dust, with clearance from combustibles.
- **Emergency lighting:** may be provided by battery packs with remote and attached heads, or by emergency generators that will illuminate specified A/C fixtures or remote light heads. Must be operational, no visible damage, with heads aimed in proper direction, and serviced and tagged annually by a certified technician.
- **Exit doors:** must not be locked or blocked from either the inside or outside. Must be unlocked from the inside when the building is occupied. Must have panic hardware that releases when a force of 20 pounds or less is applied.
- **Exposures:** such as pallets or flammable items, should be noted as to the location and type.
- **Fire alarm systems:** must have a working A/C power-on bulb and be in good working condition with no audible or visual damage. Must have a current service tag (within the last 12 months) and up-to-date logbook.
- **Fire doors:** must not be blocked or wedged open, including stairwell doors. Must have closures and no wedges to hold open fire-rated doors.
- **Fire hose cabinets:** there must be clear access to cabinets; hose must be in good repair and complete with nozzles.

- **Fire hydrants:** must be accessible, free of damage and serviced within the specified date.
- **Private hydrants:** require annual service, with records kept on site.
- **Fire separations:** may have no holes or openings that compromise their purpose.
- **Fire lanes:** must have an adequate clear width of six unobstructed metres from building.
- **Flammable liquids:** must be stored in approved containers, cannot be dispensed into metal containers unless grounded, cannot be stored next to exits. Vapours cannot be allowed to accumulate.
- **Garbage disposal:** commercial containers must be located three metres from combustible buildings, and if inside, should have tight-fitting lids and be in fire-separated rooms.
- **'No smoking' signs:** must be posted in hazardous areas.
- **Portable fire extinguishers:** must:
 - Be located adjacent to corridors or aisles that provide access to exits.
 - Be mounted in a visible location, accessible, and serviced and tagged at least once every 12 months by a certified technician.
 - Be full and functioning (no damage, corrosion, leaks, broken parts, clogged nozzles).
 - Have a minimum rating 2A-10BC.
- **Portable heaters:** must be an approved type and kept away from combustibles.
- **Propane cylinders:** cylinders inside must be connected to appliance/equipment and all cylinders (full or empty) must be stored outside in a secure location.
- **Sprinkler and standpipe connections:** must be capped, free of debris and accessible.
- **Sprinkler valves:** must be in the open position, either locked and chained or sealed and monitored electronically. No storage permitted within 18 in. of bottom of sprinkler heads.
- **Ventilation:** there must be adequate exhausting of vapours, dust etc.