

Fire Alarm System Permit Application Requirements 2010

Fees: The fees listed are valid through **December 31, 2010**. The next fee adjustment will be effective January 1, 2011.

Minor Modifications (Monitoring, two devices or less, addition or swap, etc)	\$ 80.00 per hour
Tenant Improvement (adding new zone only, without annunciator panel).....	\$136.00
New System.....	\$305.00
Inspection/Testing, if over 2 hours.....	\$ 80.00 per hour

The following information is required to be submitted along with the City of Woodinville Fire Alarm Permit Application. **Application must be complete at time of submittal.**

The shaded area below indicates the minimum information required for permit application acceptance by the City of Woodinville Permit Center. Final approval of permit will require that all information be provided, as applicable.

3 sets of plans, cut sheets and calculations are required.

- 3 sets of manufacturer’s literature, “catalog cut sheets” of Fire Alarm System Components.
- 3 sets of make, model, type, number and voltage of storage batteries used for secondary power and the battery discharge calculations.
- 3 sets of floor plans, 1/4 or 1/8-inch scale.
- Include with each floor plan a site plan showing location of work being done. This shall show building location on site and area of work within a building.
- Contractor’s name, address, phone number, and L & I license number.

Floor Plans:

- Compass direction and clearly marked scale.
- Ceiling construction and reflected ceiling plan.
- Full-height cross section.
- Location of area and/or occupancy separation walls, partitions and stairway enclosures.
- Location and size of concealed spaces and closets or any questionable small enclosures in which no automatic detection is to be installed.
- Where applicable, scaled cross-section representation of detector mounting locations.

- The means of protecting alarm detection or signaling circuits from physical damage and/or over current.
- Specifications and details on through-penetration fire stopping.
- Location of sprinkler system test valve.
- Voltage drop calculations.

System Information:

- Legend showing all symbols, device descriptions, size and type of outlet box and mounting heights.
- Installation codes and standards used. NFPA 72/2003 IFC.
- Make, model, type and location of all fire alarm control panels.
- Make, model, type and location of all fire alarm annunciator panels.
- Make, model, type and location of all automatic detection or signaling devices.
- Make, model, type and location of all manual initiation devices.
- Make, model, type, location and candela/decibel rating for all audible and/or visual alarm devices.
- Make, model, type and location of all fire department command centers.
- Make, model, type and location of all door closers, smoke dampers, HVAC shut-down devices, elevator recall devices, fire protection system monitoring devices or similar devices or equipment that affect buildings or fire protection equipment services.
- Make, model, type and location of all off-premises reporting devices.
- Where applicable, the various zone designations and the areas they serve.
Note:
 - (a) Location of sprinkler system water flow and tamper supervision, if applicable.
 - (b) Location of range hood fire suppression systems discharge contact, if applicable.
- The source of primary power and its wiring riser diagram.
- The source of secondary power.
- The signal initiating circuits and wiring diagram, including calculations of all signal circuits for loads, wire size and length.
- Location of end-of-line resistors.
- For digital alarm communication transmitters, the configuration of the two separate transmission lines.
- Single line (riser) diagram.
 - A. Single line wiring diagram.
 - B. Location of end-of-line devices.
 - C. Wire types, sizes and number of conductors.
 - D. Conduit fill percentages.