

**Case #**

**MECHANICAL, ELECTRICAL, PLUMBING  
PERMIT QUANTITY WORKSHEET**

**Building Division**  
City of Menlo Park  
701 Laurel Street  
Menlo Park, CA 94025  
(650) 330-6704



**MECHANICAL**

Items	Qty.
<b>Heating</b>	
Furnace - Residential new, relocate or replace including ducts & vents To 100,000BTU Over 100,000 BTU	
Furnace - Non-Residential new or relocate including ducts & vents To 100,000 BTU Over 100,000 BTU	
Furnace - Non-Residential replace including ducts & vents To 100,000 BTU Over 100,000 BTU	
Suspended Heater - Install new, relocate, or replace including vents Up to and including 100000 BTU (each) over 100000 BTU (each)	
Appliance Vent - Install or replace vent not included in an appliance permit (each)	
Ducts - Install new or replace existing ducts not included in an appliance permit	
Repair / Alteration / Addition to each heating appliance or each heating system including the installation of controls regulated by this code.	
<b>Cooling</b>	
New Air conditioner to 5 tons condenser and coils (each)	
Air-handling unit, new up to 10,000 CFM, including attached ducts (each) over 10,000 CFM, including attached ducts (each)	
Evaporative cooler, new - other than portable type (each)	
Appliance Vent - Install or replace vent not included in an appliance permit (each)	
Ducts - Install new or replace existing ducts not included in an appliance permit	
Repair / Alteration / Addition to each refrigeration unit, cooling unit, absorption unit, or each cooling,absorption, or evaporative cooling system, including the installation of controls regulated by this code.	

**MECHANICAL (contd.)**

Items	Qty.
<b>Boilers and Compressors</b>	
Install/Relocate boiler or compressor, up to and including 3HP, or each absorption system up to and including 100,000 Btu/h (each)	
Install/Relocate each boiler or compressor, over 3HP and up to and including 15 HP, or each absorption system over 100,000 Btu/h and up to and including 500,000 Btu/h (each)	
Install/Relocate each boiler or compressor, over 15 HP and up to and including 30 HP, or each absorption system over 500,000 Btu/h and up to and including 1,000,000 Btu/h (each)	
Install/Relocate each boiler or compressor, over 30 HP and up to and including 50 HP, or each absorption system over 1,000,000 Btu/h and up to and including 1,750,000 Btu/h (each)	
Install/Relocate each boiler or compressor, over 50 HP, or each absorption system over 1,750,000 Btu/h (each)	
<b>Hoods &amp; Ventilation Fans</b>	
Ventilation fan, new - connected to a single duct (each)	
Hood, served by mechanical exhaust - Installation, including ducts (each)	
Each ventilation system which is not a portion of any heating or air-conditioning system authorized by a permit	
<b>Miscellaneous</b>	
Incinerator, commercial or industrial type Install or Relocate (each)	
Domestic Type Incinerator - Install or Relocate (each)	
Appliance or piece of equipment regulated by this code but not classed in other appliance categories, or for which no other fee is listed in this code (each)	

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**ELECTRICAL**

Items	Qty.
<b>Systems</b>	
Re-wiring of a SFR/MFR-Gas Heat (per sq. ft.)	
Re-wiring of a SFR/MFR-Electric Heat (per sq. ft.)	
New Electric components to existing pool/spa/hot tub	
<b>Services</b>	
Service of 600 V or less	
Up to 200 Amps	
From 200 to 1000 Amps	
Services of 600 V from 200 to 1000 Amps	
Services over 600V or 1000 Amps	
Sub-Panels	
Temporary Power Pole	
<b>Conduits, Conductor, Switches, Outlets, and Fixed Lighting</b>	
Conduit/Wiring (per circuit)	
Busways – Trolley – Plug-in type busways (each 100 feet)	
Fixed Appliances-Hard wired that are not included in the <b>Power Apparatus</b> schedule	
Outlets, Receptacles, Switches-	
first 20 (or portion thereof)	
Each Additional 10 (or portion thereof)	
Lighting Fixtures, sockets, or other lamp-holding devices –	
First 10 (or portion thereof)	
Each Additional 10 (or portion thereof)	
Pole or platform-mounted lighting fixture (each)	
Theatrical-type lighting fixture or assembly	
Electrical apparatus, conduits, and conductors for which a permit is required but for which no fee is set forth.	

**ELECTRICAL (contd.)**

Items	Qty.
<b>Signs, Outline Lighting, and Marquees</b>	
New Sign, Outline Lighting, or Marquee from one branch Circuit (each)	
Addition/Alteration of branch circuit within a Sign, Outline Lighting, or Marquee (each)	
<b>Power Apparatus</b>	
Generator____ Motor____ Heat____ Other____	
Transformer____ Air Conditioning____	
H.P. or K.W.	
To 1	
Over 1 to 10	
Over 10 to 50	
Over 50 to 100	
Over 100	
<b>Outdoor Events</b>	
Each electric generator and/or electrically-driven ride	
Mechanically-driven rides, walk through attractions or displayshaving electric lighting (each)	
Each system of area and booth lighting	
Temp distribution system, lighting,	

**PLUMBING**

Items	Qty.
Water piping - Installation, alteration, or repair (each)	
Building sewer (each)	
Drainage or Vent piping - repair or alteration (each fixture)	
Rainwater systems (per drain) - inside building	
<b>Gas</b>	
Gas piping - up to and including 4 outlets	
Gas piping - Over 4 outlets (for each additional outlet)	
<b>Water Heaters</b>	
Water Heater and/or vent (each)	
Solar Water Heater	
<b>Traps and Interceptors</b>	
Industrial waste pretreatment interceptor, including its trap and vent, excepting kitchen-type grease interceptors functioning as fixture traps (each)	
Trap - including water, drainage piping, and backflow protection therefor (each)	
<b>Back Flow Preventers</b>	
Backflow/Atmospheric-type vacuum breaker devices, up to and including 2 inches, not included in other fee services - each 4 units	
Backflow/Atmospheric-type vacuum breaker devices, over 2 inches, not included in other fee services - each 4 units	
Lawn sprinkler system - including backflow protection devices (each system)	
<b>Pool, Spas, and Hot Tubs</b>	
Pool/Spa/Hot Tub Circulation Piping - Single Family Residential	
Pool/Spa/Hot Tub Circulation Piping - Non-Single Family Residential	