

FACILITY-WIDE INSIGNIFICANT ACTIVITY LISTING

Instructions for Form A5

Form A5 should list all insignificant activities at the facility per MCAPCO 1.5211. The following activities do not need a permit or permit modification under this Article; however the Director may require the owner or operator of these activities to register them under MCAPCO Regulation 2.0202 - "Registration of Air Pollution Sources". A source subject to certain NSPS (MCAPCO 2.0524), NESHAP (MCAPCO 2.1110), PSD / NSR (MCAPCO 2.0530, MCAPCO 2.0531, MCAPCO 2.0532), certain MACT or GACT (MCAPCO 2.1109, MCAPCO 2.1111, 2.1112, 40 CFR 63), MCAPCO 2.0900 or MCAPCO 2.1100 cannot use these exemptions.

Because an activity is exempted from being required to have a permit does not mean that the activity is exempted from any applicable requirement or that the owner or operator of the source is exempted from demonstrating compliance with any applicable requirement.

INSIGNIFICANT ACTIVITY DESCRIPTION - Describe each insignificant activity and demonstrate how it applies to the exemption listed below.

INSIGNIFICANT ACTIVITY CODE - Enter the code listed below that represents the exemption under which the insignificant activity falls.

Insignificant Activity Code	INSIGNIFICANT ACTIVITY per MCAPCO 1.5211 (f):
f	A facility whose uncontrolled potential emissions of particulate, sulfur dioxide, nitrogen oxides, volatile organic compounds, or carbon monoxide are each no more than five tons, and uncontrolled potential emissions of hazardous air pollutants are below their lesser quantity cutoff emission rates; a facility permit may be required for equipment with uncontrolled potential emissions greater than five tons for one or more of the aforementioned pollutants, while exempting equipment emitting only pollutants whose facility-wide uncontrolled potential emissions are less than five tons; emissions from equipment exempted under MCAPCO 1.5211 (g)(2) shall be included when determining facility-wide potential

Insignificant Activity Code	INSIGNIFICANT ACTIVITY per MCAPCO 1.5211 (g)(1): Activities exempt because of category.
1A(i)	<u>Maintenance, upkeep and replacement:</u> maintenance, structural changes, or repairs which do not change the capacity of such process, fuel-burning, or control equipment, and do not involve any change in quality or nature or increase in quantity of emission of regulated air pollutants
1A(ii)	<u>Maintenance, upkeep and replacement:</u> housekeeping activities or building maintenance procedures, including painting buildings, resurfacing floors, roof repair, washing, portable vacuum cleaners, sweeping, use of janitorial products and associated storage of janitorial products, or insulation removal
1A(iii)	<u>Maintenance, upkeep and replacement:</u> use of office supplies, supplies to maintain copying equipment, or blueprint machines
1A(iv)	<u>Maintenance, upkeep and replacement:</u> use of fire fighting equipment
1A(v)	<u>Maintenance, upkeep and replacement:</u> paving parking lots
1A(vi)	<u>Maintenance, upkeep and replacement:</u> replacement of existing equipment with equipment of the same size, type, and function that does not result in an increase to the actual or potential emission of regulated pollutants and that does not affect the compliance status, and with replacement equipment that fits the description of the existing equipment in the permit, including the application, such that the replacement equipment can be operated under that permit without any changes in the permit
1B	<u>Air conditioning or ventilation:</u> comfort air conditioning or comfort ventilating systems which do not transport, remove, or exhaust regulated air pollutants to the atmosphere

Insignificant Activity Code	INSIGNIFICANT ACTIVITY per MCAPCO 1.5211 (g)(1): Activities exempt because of category.
1C(i)	<u>Laboratory activities</u> : bench-scale, on-site equipment used exclusively for the chemical or physical analysis for quality control purposes, staff instruction, water or wastewater analyses, or non-production environmental compliance assessments
1C(ii)	<u>Laboratory activities</u> : bench-scale experimentation, chemical or physical analysis, training or instruction from not-for-profit, non-production educational laboratories
1C(iii)	<u>Laboratory activities</u> : bench-scale experimentation, chemical or physical analysis, training or instruction from hospitals or health laboratories pursuant to the determination or diagnoses of illnesses
1C(iv)	<u>Laboratory activities</u> : research and development laboratory activities provided the activity produces no commercial product or feedstock material
1D(i)	<u>Storage tanks</u> : storage tanks used solely to store fuel oils, kerosene, diesel, crude oil, used motor oil, lubricants, cooling oils, natural gas or liquefied petroleum gas
1D(ii)	<u>Storage tanks</u> : storage tanks used to store gasoline or ethanol-based fuels for which there are no applicable requirements
1D(iii)	<u>Storage tanks</u> : storage tanks used solely to store inorganic liquids
1D(iv)	<u>Storage tanks</u> : storage tanks or vessels used for the temporary containment of materials resulting from an emergency response to an unanticipated release of hazardous materials
1E(i)	<u>Combustion and heat transfer equipment</u> : space heaters burning distillate oil, kerosene, natural gas, or liquefied petroleum gas operating by direct heat transfer and used solely for comfort heat
1E(ii)	<u>Combustion and heat transfer equipment</u> : residential wood stoves, heaters, or fireplaces
1E(iii)	<u>Combustion and heat transfer equipment</u> : hot water heaters which are used for domestic purposes only and are not used to heat process water
1F	<u>Wastewater treatment processes</u> : industrial wastewater treatment processes or municipal wastewater treatment processes for which there are no applicable requirements
1G	<u>Dispensing equipment</u> : equipment used solely to dispense diesel fuel, kerosene, lubricants or cooling oils
1H	<u>solvent recycling</u> : portable solvent distillation systems used for on-site solvent recycling if: (i) the portable solvent distillation system is not: (I) owned by the facility, and (II) operated at the facility for more than seven consecutive days; and (ii) the material is recycled at the site of origin
1I(i)	<u>Processes</u> : electric motor burn-out ovens with secondary combustion chambers or afterburners
1I(ii)	<u>Processes</u> : electric motor bake-on ovens
1I(iii)	<u>Processes</u> : burn-off ovens for paint-line hangers with afterburners;
1I(iv)	<u>Processes</u> : hosiery knitting machines and associated lint screens, hosiery dryers and associated lint screens, and hosiery dyeing processes where bleach or solvent dyes are not used
1I(v)	<u>Processes</u> : blade wood planers planning only green wood
1J	<u>Solid waste landfill</u> : municipal solid waste landfills (this does not apply to flares and other sources of combustion at solid waste landfills; these flares and other combustion sources are required to be permitted under MCAPCO Section 1.5200 – “Air Quality Permits” unless they qualify for another exemption under this Paragraph.)
1K(i)	<u>Miscellaneous</u> : motor vehicles, aircraft, marine vessels, locomotives, tractors or other self-propelled vehicles with internal combustion engines

Insignificant Activity Code	INSIGNIFICANT ACTIVITY per MCAPCO 1.5211 (g)(1): Activities exempt because of category.
1K(ii)	<u>Miscellaneous</u> : non-self-propelled non-road engines, except generators, regulated by rules adopted under Title II of the federal Clean Air Act
1K(iii)	<u>Miscellaneous</u> : portable generators regulated by rules adopted under Title II of the federal Clean Air Act
1K(iv)	<u>Miscellaneous</u> : equipment used for the preparation of food for direct on-site human consumption
1K(v)	<u>Miscellaneous</u> : a source whose emissions are regulated only under Section 112(r) or Title VI (Stratospheric Ozone Protection) of the federal Clean Air Act
1K(vi)	<u>Miscellaneous</u> : exit gases from in-line process analyzers
1K(vii)	<u>Miscellaneous</u> : stacks or vents to prevent escape of sewer gases from domestic waste through plumbing traps
1K(viii)	<u>Miscellaneous</u> : refrigeration equipment that is consistent with Section 601 through 618 of Title VI (Stratospheric Ozone Protection) of the federal Clean Air Act, 40 CFR Part 82, and any other regulations promulgated by EPA under Title VI for stratospheric ozone protection, except those units used as or in conjunction with air pollution control equipment
1K(ix)	<u>Miscellaneous</u> : equipment not vented to the outdoor atmosphere with the exception of equipment that emits volatile organic compounds
1K(x)	<u>Miscellaneous</u> : equipment that does not emit any regulated air pollutants
1K(xi)	<u>Miscellaneous</u> : sources for which there are no applicable requirements

Insignificant Activity Code	INSIGNIFICANT ACTIVITY per MCAPCO 1.5211 (g)(2): Activities exempt because of size and production rate.
2A(i)	<u>Storage tanks</u> : above-ground storage tanks with a storage capacity of no more than 1100 gallons storing organic liquids with a true vapor pressure of no more than 10.8 psi absolute at 70°F
2A(ii)	<u>Storage tanks</u> : underground storage tanks with a storage capacity of no more than 2500 gallon storing organic liquids with a true vapor pressure of no more than 10.8 psi absolute at 70°F
2B(i)	<u>Combustion and heat transfer equipment</u> : fuel combustion equipment, except for internal combustion engines, firing exclusively kerosene, No. 1 fuel oil, No. 2 fuel oil, equivalent unadulterated fuels, or a mixture of these fuels or one or more of these fuels mixed with natural gas or liquefied petroleum gas with a heat input of less than: (I) 10 million Btu per hour for which construction, modification, or reconstruction commenced after June 9, 1989; or (II) 30 million Btu per hour for which construction, modification, or reconstruction commenced before June 10, 1989
2B(ii)	<u>Combustion and heat transfer equipment</u> : fuel combustion equipment, except for internal combustion engines, firing exclusively natural gas or liquefied petroleum gas or a mixture of these fuels with a heat input rating less than 65 million Btu per hour
2B(iii)	<u>Combustion and heat transfer equipment</u> : space heaters burning waste oil if: (I) the heater burns only oil that the owner or operator generates or used oil from "do-it-yourself" oil changers who generate used oil as household wastes; (II) the heater is designed to have a maximum capacity of not more than 500,000 Btu per hour; and (III) the combustion gases from the heater are vented to the ambient air
2B(iv)	<u>Fuel Combustion Equipment</u> : Fuel combustion equipment with a heat input rating less than 10 million Btu per hour that is used solely for space heating except: (I) Space heaters burning waste oil, or (II) Internal combustion engines

Insignificant Activity Code	INSIGNIFICANT ACTIVITY per MCAPCO 1.5211 (g)(2): Activities exempt because of size and production rate.
2B(v)	<p><u>Combustion and heat transfer equipment</u>: emergency use generators and other internal combustion engines not regulated by rules adopted under Title II of the federal Clean Air Act, except self-propelled vehicles, that have a rated capacity of not more than:</p> <ul style="list-style-type: none"> (I) 680 kilowatts (electric) or 1000 horsepower for natural gas-fired engines; (II) 1800 kilowatts (electric) or 2510 horsepower for liquefied petroleum gas-fired engines; (III) 590 kilowatts (electric) or 900 horsepower for diesel-fired engines or kerosene-fired engines; <p>or,</p> <ul style="list-style-type: none"> (IV) 21 kilowatts (electric) or 31 horsepower for gasoline-fired engines
2B(vi)	<p><u>Combustion and heat transfer equipment</u>: portable generators and other portable equipment with internal combustion engines not regulated by rules adopted under Title II of the federal Clean Air Act, except self-propelled vehicles, that operate at the facility no more than a combined 350 hours for any 365 -day period, provided the generators or engines have a rated capacity of no more than 750 kilowatt (electric) or 1100 horsepower each and provided records are maintained to verify the hours of operation</p>
2B(vii)	<p><u>Combustion and heat transfer equipment</u>: peak-shaving generators that produce no more than 325,000 kilowatt-hours of electric energy for any 12-month period provided records are maintained to verify the energy production on a monthly basis and on a 12-month basis</p>
2C	<p><u>Gasoline distribution</u>: bulk gasoline plants with an average daily throughput of less than 4000 gallons</p>
2D(i)	<p><u>Processes</u>: printing, paint spray booths or other painting or coating operations without air pollution control devices (water wash and filters that are an integral part of the paint spray booth are not considered air pollution control devices) located at a facility whose facility-wide emissions of volatile organic compounds are less than five tons per year potential, and</p> <p>For the processes listed in this Subpart (Subpart (D)(i) only), maximum capacity shall be determined in the following manner:</p> <ul style="list-style-type: none"> (I) for processes operating less than five years the maximum capacity shall be determined using the projected greatest hourly emission rate multiplied by 8760 hours; (II) for processes operating five years or longer the maximum capacity shall be determined using the greatest actual hourly emission rate occurring during the previous five years of operation multiplied by 8760 hours
2D(ii)	<p><u>Processes</u>: saw mills that saw no more than 2,000,000 board feet per year provided that only green wood is sawed</p>
2D(iii)	<p><u>Processes</u>: electrostatic dry powder coating operations with powder recovery including curing ovens with a heat input of less than 10,000,000 Btu/hour</p>
2E(i)	<p><u>Miscellaneous</u>: any source that only emits hazardous air pollutants that are not also a particulate or a volatile organic compound and whose potential emissions of hazardous air pollutants are below their lesser cutoff emission rates</p>
2E(ii)	<p><u>Miscellaneous</u>: any incinerator covered under Subparagraph (c)(4) of MCAPCO Regulation 2.1201 - "Purpose and Scope"</p>
2F	<p><u>Case-by-case exemption</u>: for activities located at facilities not required to have a permit under MCAPCO Section 1.5500 - "Title V Procedures", activities that the applicant demonstrates to the satisfaction of the Director:</p> <ul style="list-style-type: none"> (i) to be negligible in their air quality impacts, (ii) not to have any air pollution control device, and (iii) not to violate any applicable emission control standard when operating at maximum design capacity or maximum operating rate, whichever is greater

SECTION A
FACILITY-WIDE INSIGNIFICANT ACTIVITY LISTING
(See MCAPCO 1.5211 (f) & (g))

A5

Insignificant Activity Description	Insignificant Activity Code <small>(see instructions for code listings – include comments as needed)</small>

COMMENTS: