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Rule 58. Disposal of solid and liquid wastes

a. A person shall not burn any combustible refuse in any incinerator except in a multiple-chamber incinerator as described in Rule ¹⁰²~~2(p)~~ or in equipment found by the Air Pollution Control Officer in advance of such use to be equally effective for the purpose of air pollution control as an approved multiple-chamber incinerator.

b. A person shall not discharge into the atmosphere from any incinerator or other equipment used to dispose of combustible refuse by burning, having design burning rates of 100 pounds per hour or less, or for which an application for permit is filed before January 1, 1972, particulate matter in excess of 0.25 grain per cubic foot of gas calculated to 12 per cent of carbon dioxide (CO₂) at standard conditions and shall not discharge particles which are individually large enough to be visible while suspended in the atmosphere. Any carbon dioxide (CO₂) produced by combustion of any liquid or gaseous fuels shall be excluded from the calculation to 12 per cent of carbon dioxide (CO₂).

c. A person shall not discharge into the atmosphere from any incinerator or other equipment used to dispose of combustible refuse by burning, having design burning rates, greater than 100 pounds per hour, except as provided in paragraph (d) of this rule, particulate matter in excess of 0.1 grain per cubic foot of gas calculated to 12 per cent of carbon dioxide (CO₂) at standard conditions. Any carbon dioxide (CO₂) produced by combustion of any liquid or gaseous fuels shall be excluded from the calculation to 12 per cent of carbon dioxide (CO₂).

d. A person shall not discharge into the atmosphere from any equipment whatsoever, used to process combustible refuse, except as provided in subsection (b) of this rule, particulate matter in excess of 0.1 grain per cubic foot of gas calculated to 12 per cent of carbon dioxide (CO₂) at standard conditions. Any

carbon dioxide (CO₂) produced by combustion of any liquid or gaseous fuels shall be excluded from the calculation to 12 percent of carbon dioxide (CO₂).

e. Paragraphs b, c and d of this rule shall be effective on January 1, 1974.

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REGULATION V ORCHARD, FIELD OR CITRUS GROVE HEATERS

RULE 75. Definition.

"Orchard field crop, or citrus grove heater" means any article, having the least allowable percent of the total amount of solvents, machine, equipment, or other contrivance burning any type of fuel, or a solid fuel block composed of petroleum coke burned by an open flame, capable of emitting air contaminants, used or capable of being used for the purpose of giving protection from frost damage. The contrivance commonly known as a wind machine is not included.

For the purpose of this regulation "field crops" shall include crops commonly known as "truck crops."

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RULE 76. Exceptions.

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field, crop, or citrus grove heaters.

does not apply to orchard,

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RULE 77. Permits Required. (Revised March 6, 1967).

Any person erecting, altering, replacing, operating, or using any orchard, field crop, or citrus grove heater, except the replenishment of solid fuel blocks composed of petroleum coke which have been burned with other solid fuel blocks composed of petroleum coke, shall first obtain a permit from the Air Pollution Control Officer so to do. A separate permit shall be obtained for each non-contiguous parcel of land.

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RULE 78. Application for Permits.

Applications for permits required under Rule ~~77~~⁵⁰³ shall be on forms prescribed and furnished by the Air Pollution Control Officer and shall contain a statement of the following:

a. Applications.

(1) A legal description, street address, name of legal owner, and number of acres in the orchard(s), field(s), or grove(s).

(2) Name of operator or authorized agent or manager, together with a statement of experience in orchard, field crop, or grove heating.

(3) A statement of each type of heater to be used in the orchard, field, or grove and the numbers thereof.

(4) The Air Pollution Control Officer may require that the applicant furnish other information such as type of fuel intended to be used, method of operation or other information reasonably necessary to effectuate the purposes of these rules.

(5) Each application shall be certified by the applicant and shall be truthfully, accurately and fully completed. An incomplete, inaccurate or uncertified application shall not be accepted.

Each permit issued hereunder shall be effective for a period of one

b. Issuance, duration and renewal of permits.

year from November 1 to October 31 of each year, unless sooner revoked or suspended. Applications for renewal shall be made on or before October 31 of each year for citrus grove and field crop heaters, and on or before January 31 of each year for deciduous orchard heaters. Permits issued hereunder are not transferable either as to person or location.

c. Fees.

(1) Each application shall be accompanied by a basic fee payable at the time of the filing of the application, in the amount of two dollars (\$2.00) for each application, plus an additional fee of one cent (1¢) for each said orchard, field crop or citrus grove heater described in the application but if the orchard, field crop or citrus grove heaters described in the application consist only of solid fuel blocks composed of petroleum coke, only a fee of fifty cents (50¢) per acre, or fraction thereof, shall be paid in addition to the basic fee of two dollars (\$2.00).

In the event that an application made for a permit includes both the solid fuel blocks composed of petroleum coke and other types of heaters to be operated on the same parcel of land then the total fees shall consist of two dollars (\$2.00) plus one cent (1¢) for each heater described in the application not including solid fuel blocks composed of petroleum coke, but said additional fee shall not be less than fifty cents (50¢) per acre.

In the event any supplemental permit application for altering, replacing or adding additional heaters is made prior to the next annual renewal date, a fee of one dollar (\$1.00) for such supplemental application, plus a fee of one cent (1¢) per heater shall be paid at the time of filing of such supplemental application.

The above fees are for regulation and inspection purposes and upon denial, suspension, or revocation shall not be refundable in whole or in part.

(2) In addition to the above fees, any applicant who applies for an original or renewal permit for citrus grove and field crop heaters after October 31 of any year or for an original or renewal permit for deciduous orchard heaters after January 31 of any year shall pay

additional fees, equal to the fees payable upon an application made on or before the stated deadline dates, except that said additional fees shall be waived for an original permit on property acquired by the applicant after October 31 for citrus and field crop heaters, and after January 31 for deciduous orchard heaters.

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RULE 79. Action on Applications.

The Air Pollution Control Officer shall act on all applications within a reasonable time and shall notify the applicant in writing of the approval or denial of the application.

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RULE 80. Standards for Granting Permits.

No application shall be approved unless it is shown that the heater described in Rule ~~59~~^{59a} is so designed or controlled that it will not produce unconsumed solid carbonaceous matter at the rate in excess of one (1) gram per minute. Each permit granted may include the operation conditions under which heaters will be required to be operated under terms of the permit.

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RULE 81. General Restrictions and Conditions of Permits.

In order to effectuate this regulation, any permit issued hereunder shall be subject to the following restrictions and conditions:

(a) Any burning or lighting of orchard, field crop or citrus grove heaters pursuant to a permit issued hereunder shall be under the supervision of trained and competent personnel.

(b) Every heater for which a permit is issued hereunder shall be burned and operated at the rates and within the limits established by the Air Pollution Control Officer in order that such heater shall emit the least amount of carbonaceous matter consistent with the efficient operation of such heaters or heating devices.

(c) All orchard, field crop or citrus grove heaters shall be reasonably clean before the issuance of a permit therefor and shall be kept reasonably clean during the effective period of such permit.

(d) All orchard, field crop or citrus grove heaters shall be in good condition and repair before the issuance of a permit pursuant to this regulation and shall be kept in such condition and repair at all times during the effective period of such permit.

(e) Any officer, employee or agent engaged in the enforcement of this regulation shall have the right to enter upon the property of an applicant for a permit, or a permittee, for the purpose of inspecting orchard, field crop or citrus grove heaters, and shall have the right to take and remove any orchard, field crop or citrus grove heater claimed to be in violation of this regulation, and to preserve the same as evidence.

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RULE 83. Denial of Applications

In the event of denial of the application, the Air Pollution Control Officer shall notify the applicant in writing of the reason therefor. All denials shall be without prejudice to the applicants filing further application when he has complied with the objections specified by the Air Pollution Control Officer.

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RULE 84. Appeals.

Within 10 days after service of notice of denial of the application, applicant may file with the Hearing Board a written request for hearing. Procedure thereafter shall be as provided by Regulation V.*

Rule 85. Classification of Orchard, Field Crop or Citrus Grove Heaters.

a. Approved types. Permits shall be issued by the Air Pollution Control Officer for the following types of heaters, provided that the same are clean and in good working condition:

- (1) Return Stack
- (2) "Diesel" Internal Exchange
- (3) Jumbo Cone
- (4) Lazy Flame 18" Stack
- (5) Lazy Flame 24" Stack
- (6) Lemora (Spiral action)
- (7) Pipe Line
- (8) 7" Straight Stack

The issuance of such permit shall entitle the permittee to use such heaters only in so far, and in such a manner, as is in conformity with the provisions of this regulation, and in no event may the said heaters be operated to produce more than one (1) gram of unconsumed solid carbonaceous matter per minute.

The Air Pollution Control Officer shall establish burning rates for each type of approved heater and the permits issued will contain a statement of the burning rate and maximum primary air orifice area within which limits such approved heaters may be operated.

Permits shall be issued for petroleum coke fuels burned without use of a container or other equipment where it has been demonstrated to the satisfaction of the Air Pollution Control Officer that the fuel complies with Rule 80.

b. Undesignated Heaters.

No permits shall be issued for heaters not otherwise designated and approved herein unless the applicant offers satisfactory proof to the Air Pollution Control Officer that such heaters can be effectively operated under field conditions so as to produce less than one (1) gram of unconsumed solid carbonaceous matter per minute. The Air Pollution Control Officer may establish burning rates under which undesignated heaters may be operated.

c. Combination or Altered Heaters.

Any heater composed or assembled out of parts of other types of heaters, or any heater materially altered as to type, design or function shall, for the purpose of this regulation, be considered as undesignated heaters and the applicant shall offer satisfactory proof of its ability to operate effectively under field conditions within the limitation herein set forth. The Air Pollution Control Officer may establish burning rates under which combination or altered heaters may be operated.

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RULE 86. Prohibitions.

a. These rules prohibit the erecting, altering, replacing, operating or using any orchard, field crop or citrus grove heater which produces unconsumed solid carbonaceous matter at the rate of more than one (1) gram per minute.

b. Open fires for orchard, field crop or citrus grove heating are prohibited, except when the result of the proper operation of an orchard, field crop or citrus grove heater.

c. All types of orchard, field crop or citrus grove heating equipment commonly known or designated as follows:

- (1) Bothwell
- (2) Buckets
- (3) Canco 3-gallon
- (4) Canco 5-gallon
- (5) Clinn
- (6) Citrus Regular, Square Bowl
- (7) Citrus with Oisen Stack
- (8) Citrus 15" Stack, Square Bowl
- (9) Citrus Tall Stack Combination, Square Bowls, No Down Draft, Stacks under 7"

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- (10) Dunn Short Stack
- (11) Garbage Pail
- (12) Hamilton Bread Pan
- (13) Hamilton Bread Pan with Stack
- (14) Hamilton Square Bowl
- (15) Hincliff
- (16) Hy-Lo 148
- (17) Hy-Lo No. 148 Special
- (18) Hy-Lo 1929
- (19) Hy-Lo Double Stack, Round or Square Bowl
- (20) Hy-Lo Drum
- (21) Hy-Lo Giant
- (22) Hy-Lo Giant Jr.
- (23) Hy-Lo Hot Blast
- (24) Hy-Lo Single Short Stack, Round Bowl
- (25) Lamco Gy radiant
- (26) National Baby Cone
- (27) National Exchange Model 5½" Stack
- (28) National Exchange Model 6"
- (29) O'Keefe & Merritt Corrugated
- (30) Pheysey Beacon
- (31) Smith Evans
- (32) Tin Cans
- (33) Wheeling

may not be used or operated for the purpose of giving protection from frost damage.

d. The use of rubber tires or any rubber products in any combustible process in connection with any orchard, field crop or citrus grove firing is hereby prohibited.

e. Any new complete orchard, field crop or citrus grove heating equipment of the distilling type erected, operated or used on or after the effective date of these regulations must contain a primary air orifice whose maximum area results in a burning rate at which not more than one (1) gram per minute of unconsumed solid carbonaceous matter is emitted.

f. No heater may be placed, be permitted to be placed or be permitted to remain in any orchard, field or citrus grove or in any other place where heaters may be fired to furnish protection from frost damage unless a permit has been issued.

g. The use or operation of any partial assembly of any type

heater for the purpose of giving protection from frost damage is hereby prohibited. A permit issued for the use or operation of any type orchard, field crop or citrus grove heater is for the use or operation of a complete heater assembly.

h. Before issuing a permit to operate or use any type orchard, field crop or citrus grove heater the Air Pollution Control Officer may in addition to limiting the maximum primary air orifice area establish minimum specifications for the heater fuel oil.