



UNITED STATES MARINE CORPS

MARINE CORPS BASE  
QUANTICO, VIRGINIA 22134-5001

MCBO 6240.2  
C 046/k  
6 Feb 95

MARINE CORPS BASE ORDER 6240.2

From: Commanding General  
To: Distribution List

Subj: AIR POLLUTION EPISODE, STANDBY EMISSION REDUCTION PLAN AND  
OPEN AIR BURNING POLICY

Ref: (a) MCO P5090.2  
(b) Commonwealth of Virginia Regulations for the Control and  
Abatement of Air Pollution (NOTAL)  
(c) MCCDCO P11000.1B  
(d) Permit to Open Burn at the MCB Sanitary Landfill (NOTAL)

Encl: (1) Air Pollution Episode, Standby Emission Reduction Plan  
(2) Open Air Burning Policy

1. Purpose. To implement reference (a).
2. Cancellation. MCCDCO 6240.5 and MCCDCO 11320.2.
3. Summary of Revision. This revision contains a significant number of changes and should be reviewed in its entirety.
4. Information

a. Various types of pollutants emitting from operations at this Installation contributed to the region-wide pollution of the atmosphere. Although these pollutants are generally dispersed in the atmosphere by meteorological events, instances may arise that cause pollutants to be concentrated in a particular area. Exposure to concentrated levels of pollutants threatens the health and welfare of individuals occupying these areas.

b. Marine Corps Base, Quantico is located within Fauquire, Prince William, and Stafford Counties, the latter two of which have been designated by the Virginia Department of Environmental Quality, Air Regional Office (DEQ-AIR) as nonattainment areas for ozone; i.e., areas not meeting current air quality standards.

c. Part VII of reference (b) requires the preparation of a Standby Emission Reduction Plan for all stationary sources emitting criteria air pollutants within State nonattainment areas. This plan identifies specific measures to be taken to reduce air pollution emissions from particular facilities in the event that the accumulation of air pollutants reaches a level which could

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cause significant harm to public health. The Virginia DEQ-AIR will determine when these situations arise and notify the CG MCB in the event of an air pollution episode.

d. The policies set forth in references (a) and (b) provide guidelines for compliance with local, state, and federal regulations concerning air pollution. This Command is taking a positive approach towards the reduction of pollutants emitted into the air by prohibiting open burning, except as authorized in paragraph 4b of this Order.

5. Action

a. Director, Facilities Division. Initiate action to implement enclosure (1) should an air pollution episode be declared by the Virginia DEQ-AIR.

b. Activity Heads

(1) Dispose of waste materials in a manner consistent with the policy outlined in reference (c). Waste material, including: trash, rubbish, **dunnage**, garbage, construction debris, leaves, and liquid wastes shall not be burned in open fires.

(2) Make personnel under your cognizance aware that open burning is prohibited except as listed in reference (d) and enclosure (2).



M. C. BUNTON  
By direction

DISTRIBUTION: A

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AIR POLLUTION EPISODE,  
STANDBY EMISSION REDUCTION PLAN

This Standby Emissions Reduction Plan identifies specific measures to be taken to reduce air pollution emissions from particular facilities in the event that the accumulation of air pollutants reaches a level which could cause significant harm to public health. The Virginia Department of Environmental Quality, Air Regional Office (DEQ-AIR) will determine when these situations arise and notify the CG MCB in the event of an air pollution episode. Should an air pollution episode be declared by the Virginia DEQ-AIR, the Director, Facilities Division, will initiate action to implement the following emission reductions corresponding to the air pollution episode stage declared.

1. Alert Staae

- a. Reduce process steam load (and consequently boiler flue gas emissions) by suspending steam cleaning and washing, and limiting the use of hot water produced by steam.
- b. Shift all steam generation processes at the Central Heat Plant to equipment that uses natural gas. Continue current base policy of using low sulfur/low ash fuels in all other boilers and utilize natural gas where available.
- c. Limit boiler lancing and soot blowing to the hours of 1200 to 1600.
- d. Cease all open burning activities on Base, including those associated with fire fighting training and forest management.
- e. Terminate activities which produce smoke, dust or chemical emissions such as spray painting, graphic arts printing processes, sand blasting, dry cleaning, photo processing, street sweeping, chemical processing, test firing of internal combustion engines and exterior spraying of pesticides and herbicides.
- f. Limit motor vehicle operations, refueling of gasoline powered vehicles and deliveries of gasoline to essential operations only. Maximize the utilization of fleet vehicles which operate on compressed natural gas.
- g. Cease the routine testing of all emergency generators.
- h. Cease all nonessential use and refueling of aircraft and gasoline powered boats.
- i. Limit all grounds maintenance activities to essential operations only.

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j. Minimize the use of heavy construction equipment.

k. Limit the use of all parts degreasers and insure their lids remain closed when not in use.

## 2. Warning Stage

a. Continue actions initiated in the Alert Stage.

b. Reduce the firing rate of steam boilers by 25 percent, where possible, and further reduce the firing rate by additional curtailment of the use of steam.

c. Cease all nonessential use of hot water produced by steam.

d. Terminate all vehicle use, including aircraft, where it can be deferred without causing physical harm, hazardous conditions or excessive economic loss.

e. Postpone all nonessential military training.

f. Terminate the refueling of all gasoline powered vehicles and deliveries of gasoline at all service stations and gasoline dispensing locations on this Command, except for the refueling of emergency service vehicles.

g. Cease all grounds maintenance activities.

h. Cease all nonessential use of heavy construction equipment.

i. Make all necessary preparations to implement the requirements of the emergency stage of this plan.

## 3. Emergency Stage

a. Continue actions initiated in the alert and warning stages.

b. Release all nonessential personnel.

c. Reduce process steam load to the minimum necessary to protect the health and safety of personnel and to maintain the integrity of the facility.

d. Terminate all vehicle use (including aircraft) except for emergency service.

e. Cease operations associated with the following activities:

(1) Construction and maintenance work (except that which is necessary to prevent physical harm).

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(2) Laundries and cleaning services, photographic services,  
barber shops and shoe repair services.

(3) Automobile repair and service activities.

(4) Amusement and recreation services, including motion  
picture theaters.

(5) Dependent schools, training facilities, and libraries.

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## OPEN AIR BURNING POLICY

1. Waste material, including trash, rubbish, dunnage, garbage, construction debris, leaves, and liquid wastes shall not be burned in open fires. Waste materials shall be disposed of in a manner consistent with the policy outlined in MCCDCO P11000.1. Activity heads will ensure that personnel under their cognizance are made aware that open burning is prohibited except as listed below:

a. Fires may be used for training of fire fighters or crash crews only at designated fire training areas, such as the Marine Corps Air Facility Burn Pit where the burning of propane gas in a mock-up fire crash rescue helicopter is used to simulate an aircraft fire, the Weapons Training Battalion Fire Training Tower where wood pallets are burned to simulate a building fire, or under controlled conditions reviewed and approved by the Head, Fire Protection/Prevention Branch, Public Safety Division. Fire fighting exercises that take place outside of designated training facilities must be coordinated with the Virginia Department of Environmental Quality, Air Regional Office.

b. Open burning of brush, tree trimmings, yard and garden trimmings, and similar land clearing refuse is permitted at the MCB Sanitary Landfill.

c. Fires may be used for ceremonies, protection of public health, and/or the prevention of fire hazards which cannot be abated by other means.

d. Open fires may be set in the course of forest and range management, and for the disposal of construction clearing refuse, when weather and wind conditions are favorable to preclude the obstruction of visibility to vehicles and aircraft.

e. Open fires may be set for camp fires and cooking food in the Lunga recreational areas, provided no smoke nuisance is created, and in military training areas when conducted in concert with training exercises.

f. Portable heating devices may be used to provide heat for construction or other workers, provided no smoke nuisance is created.

g. Open air incineration of classified material is only permitted when other methods of disposal are not available.

2. Prior to any open burning, approval must be obtained from the Head, Fire Protection/Prevention Branch, Public Safety Division or the Head, Forestry Section, Natural Resources/Environmental Branch, Facilities Division unless prior, blanket approval of such burning has

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been granted. Specific authorization must be obtained from the CG MCB (C 04) for any exceptions to the open air burning policy other than those listed above.

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