



UNITED STATES MARINE CORPS
MARINE CORPS AIR STATION
PSC BOX 8003
CHERRY POINT, NORTH CAROLINA 28533-0003

AirStaO 5090.8
LN
27 Oct 95

AIR STATION ORDER 5090.8

From: Commanding General
To: Distribution List

Subj: AIR POLLUTION EMERGENCY ABATEMENT PLAN

1. Purpose. To publish an Air Pollution Emergency Abatement Plan for MCAS Cherry Point and tenant commands.

2. Cancellation. AirStaO 11015.4A.

3. Background

a. In accordance with state law, this Order establishes procedures for all commands at MCAS Cherry Point, North Carolina, to prevent the excessive build-up of air contaminants during air pollution episodes, thereby preventing the occurrence of a public health emergency due to the effects of these contaminants.

b. **An** air pollution episode may occur at any time when the combination of air pollution source pollutants and meteorological conditions result in the accumulation of air contaminants to undesirable levels in any location.

c. When the accumulation of air contaminants in any place during an air pollution episode is attaining or has attained levels which could lead to a threat to the health of the public, the North Carolina Department of Environment, Health and Natural Resources (NCDEHNR), Division of Environmental Management, Air Quality Section, in conjunction with the National Weather Service, may proclaim an "Air Pollution Alert", an "Air Pollution Warning", or an "Air Pollution Emergency." Once declared, any status reached will remain in effect until the criteria for that level are no longer met. At such time, the next lower status will be declared.

(1) "Air Pollution Forecast" - **An** internal watch by the Air Quality Section and local air pollution control agencies shall be activated by a National Weather Service Advisory that an Atmospheric Stagnation Advisory is in effect or the equivalent local forecast of stagnant atmospheric conditions.

(2) "Air Pollution Alert" - The alert level is that concentration of pollutants at which first stage control actions are to begin.

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(3) "Air Pollution Warning" - The warning level indicates that air quality is continuing to degrade and that additional abatement actions are necessary.

(4) "Air Pollution Emergency" - The emergency level indicates that air quality is continuing to degrade to a level that should never be reached and that the most stringent control actions are necessary.

4. Summary of Revisions. This revision adds paragraph 7a(4)(f) and updates terminology, titles and names to reflect current usage.

5. Policy. This Air Station shall comply with the provisions of the Air Pollution Emergency Abatement Plan in times of a designated "Air Pollution Alert," "Air Pollution Warning," or "Air Pollution Emergency," except during accidents or natural disasters where compliance would interfere with fire protection, law enforcement, or rescue efforts, and except in national emergencies, where compliance would jeopardize the mission of this Command.

6. Definitions. To facilitate understanding of terms used throughout this Order, the following definitions are provided:

a. Air Quality Section means the Air Quality Section of the NCDEHNR, Division of Environmental Management.

b. Garbage means any animal or vegetable waste resulting from the handling, preparation, cooking, and serving of food.

c. Rubbish means solid or liquid wastes from residences and dwellings, commercial establishments, and institutions.

d. Trade Waste means all solid, liquid, or gaseous waste materials or rubbish resulting from combustion, salvage operations, building operations, or the operation of any business, trade, or industry including, but not limited to, plastic products, paper, wood, glass, metal, paint, grease, oil, and other petroleum products, chemicals, and ashes.

e. Incinerator means a device designed and engineered to burn solid, liquid, or gaseous waste material.

f. Open Burning means any fire wherein the products of combustion are emitted directly into the outdoor atmosphere and are not directed through a stack or chimney, approved incinerator, or other similar device.

g. Refuse means any garbage, rubbish, and trade waste.

h. Fuel Burning Equipment means equipment whose primary purpose is the production of thermal energy or power from the combustion of any fuel. Such equipment is generally that used for, but not limited

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to, heating water, generating or circulating steam, heating air as in warm air furnaces, or furnishing process heat entirely through transfer by fluids or transmissions through process vessel walls.

7. Action

a. General. All personnel shall comply with the following procedures during an air pollution episode.

(1) "Air Pollution Forecast". All personnel shall continue normal operations but shall be mindful: of future air pollution bulletins that may be issued.

(2) "Air Pollution Alert"

(a) There shall be no open burning by any person of trade waste, vegetation, refuse, or debris in any form.

(b) The use of incinerators for the disposal of any form of solid waste shall be limited to the hours between 1200 and 1600.

(c) Persons operating fuel burning equipment which requires boiler lancing or soot blowing shall perform such operations only between the hours of 1200 and 1600.

(d) Persons operating motor vehicles should eliminate all unnecessary operations.

(3) "Air Pollution Warning"

(a) There shall be no open burning by any person of trade waste, refuse, vegetation, or debris in any form.

(b) The use of incinerators for the disposal of solid waste or liquid waste shall be prohibited.

(c) Persons operating fuel-burning equipment which requires boiler lancing or soot blowing shall perform such operations only between the hours of 1200 and 1600.

(d) Persons operating motor vehicles should minimize such use through car pools and increased use of public transportation.

(4) "Air Pollution Emergency"

(a) There shall be no open burning by any person of trade waste, vegetation, refuse, and debris in any form.

(b) The use of incinerators for the disposal of any form of solid or liquid waste shall be prohibited.

(c) The use of motor vehicles is prohibited, except in emergencies.

(d) The Child Development Center and MWR Special Services activities shall immediately cease operations.

(e) At the discretion of the respective commanders, all civilian and military personnel not required for essential operations or duties, and/or responsible for providing essential services to other units or personnel, may be secured.

(f) All personnel should be instructed to tune radios and televisions to local news channels or contact the NCDEHNR, Air Quality Section regarding the latest air pollution bulletins.

b. Environmental Affairs Officer (EAO). The EAO shall remain in close contact with local radio and television stations, the Air Quality Section, and the National Weather Service to ensure that current information on any air pollution episode is available and is being disseminated to all units, and to maintain current information in case any air pollution episode reaches an "Air Pollution Emergency."

c. Utilities Division, Facilities Maintenance Department

(1) "Air Pollution Forecast"

(a) The Utilities Division head shall notify all Division personnel to be prepared should the air pollution episode reach the "Alert," "Warning," or "Emergency" level.

(b) All Utilities Division personnel shall familiarize themselves with requirements of the Air Pollution Emergency Abatement Plan and be ready to take appropriate action.

(2) "Air Pollution Alert" and "Air Pollution Warning". The Utilities Division head shall:

(a) substantially reduce air contamination by utilization of fuels having low ash and low sulfur content.

(b) require maximum utilization of midday (1200 to 1600) atmospheric turbulence for boiler lancing and soot blowing.

(c) require substantial reduction of steam loads consistent with continuing plant operation.


(3) "Air Pollution Emergency". The Utilities Division head shall:

(a) maximize reduction of air contamination by reducing heat and steam demands to absolute minimums consistent with preventing equipment damage.

(b) require maximum utilization of midday (1200 to 1600) atmospheric turbulence for boiler lancing and soot blowing.

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8. Concurrence. The Commanding General, 2d Marine Aircraft Wing; the Commanding Officers, Naval Aviation Depot and Combat Service Support Detachment 21; and the Commander, 12th Dental Company concur with the contents of this Order insofar as it pertains to members of their command.


W. W. SCHEFFLER
Chief of Staff

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