UNITED STATES MARINE CORPS
MARINE CORPS LOGISTICS BASE
814 RADFORD BOULEVARD
ALBANY, GA 31704-1128

BO 6200.1K
S01000
FEB 0 7 2007

BASE ORDER 6200.1K

From: Commanding Officer
To: Distribution List

Subj: HEAT INJURY PREVENTION PROGRAM

Ref: (a) MCO 6200.1E Marine Corps Heat Injury Prevention Program
(b) MCO 3500.27B Operational Risk Management (ORM)
(c) NEHC-TM-OEM 6260.6A Prevention and Treatment of Heat And Cold Stress Injuries

Encl: (1) Fluid Replacement Guidelines and Work Rest Schedules
(2) WBGTI and Heat Condition Flag Warning System
(3) Summary of Heat Injury Signs/Symptoms and First-Aid

1. Situation. This order revises the requirements established for preventing heat injuries aboard Marine Corps Logistics Base, Albany, (MCLB, Albany). It incorporates the requirements in reference (a) and integrates the Automated Heat Stress System (AHSS) for monitoring the Wet-Bulb Global Temperature Index (WBGTI). The AHSS is an automated wet-bulb globe temperature meter with the capacity of providing the WBGTI over the Base's local area network. The AHSS will be the primary means of measuring and recording the WBGTI aboard the base. Dissemination will be via the AHSS website and Heat Conditions Flag Warning System.

2. Cancellation. BO 6200.1J

3. Mission. Leaders at all levels are responsible for implementing the requirements and procedures within this order to prevent heat injuries during heat stress conditions.

4. Execution

a. Commander's Intent. Heat injuries cause unnecessary suffering to victims, reduce morale, and degrade an organization's capabilities. Applying operational risk management, in accordance with reference (b), and integrating controls and countermeasures into high-risk operations and processes can prevent heat injuries. These countermeasures include: hydration, monitoring and taking precautions according to the WBGTI, work rest cycles, training, and acclimatization.

b. Concept of Operations. Heat injury prevention will be incorporated into all risk management worksheets developed for training, operational, and recreational events. Controls and countermeasures to prevent heat injuries will be included in safety briefings, operations orders, and letters of instruction pertaining to these events.

c. Tasks

(1) Commanders, Commanding Officers, Directors of Tenant Units

(a) Ensure compliance with the provisions of this order by your subordinate leadership within your respective organizations.

(b) Provide the name and contact phone number of the individual designated to monitor the WBGTI within your respective organizations to the Base Industrial Hygienist.

(2) Manager, Risk Management Office. Administer this order and ensure it remains current and accurate.

(3) Base Industrial Hygienist

(a) Maintain the AHSS to ensure it is established and accessible 24 hours per day, 7 days per week, during periods of hot weather. Maintain a historical log of WBGTI readings.

(b) Manually monitor and record the WBGTI, using an alternate WBGTI meter, during periods when the AHSS is inoperable or internet service is interrupted. Provide the WBGTI to designated individuals as required.

(c) Provide heat injury training resources and support to subordinate and tenant organizations.

(4) MCLB Albany Officer of the Day

(a) Monitor the WBGTI via the AHSS website on weekends and holidays during periods of hot weather.

(b) Upon request, provide the WBGTI to leaders of military organizations training or holding events aboard base who may not have access to the AHSS website.

(5) Officer-In-Charge, Naval Branch Health Clinic

(a) Designate an individual to monitor the WBGTI by accessing the AHSS website hourly from 0800 to 1600. When a WBGTI is detected or has changed, hoist the proper flag at Building 7200.

(b) Provide heat injury training resources and support to base organizations.

(6) Operations Officer. Designate an individual to monitor the WBGTI by accessing the AHSS website hourly from 0800 to 1600. When a WBGTI is detected or has changed, hoist the proper flag at Headquarters Battalion, Building 3500. (Coffman Hall)

(7) Director, Marine Corps Community Services. Designate an individual to monitor the WBGTI by accessing the AHSS website hourly from 0800 to 1600. When a WBGTI is detected or has changed, hoist the proper flag/sign at the Fitness Center, Building 7960.

(8) Director, Logistics Support Division. Designate an individual to monitor the WBGTI by accessing the AHSS website hourly from 0800 to 1600. When a WBGTI is detected or has changed, hoist the proper flag at the Garrison Mobile Equipment facility, Building 5400. (GME)

(9) Director, Public Safety Division. Designate an individual to monitor the WBGTI by accessing the AHSS website hourly from 0800 to 1600. When a WBGTI is detected or has changed, hoist the proper flag at the Provost Marshal's Office, Building 7520.

10) Commander, Maintenance Center. Designate an individual to monitor the WBGTI by accessing the AHSS website hourly from 0800 to 1600. When a WBGTI is detected or has changed, hoist the proper flag at the Maintenance Center, Building 2200.

(11) Collateral Duty Safety Officers

(a) Monitor the status of training, and implement the requirement of this order within their respective organizations. Collateral Duty Safety Officers will also spot-check the posting of required Heat Condition Warning Flags located in their work areas.

(b) Assist their organizations leaders and supervisors to implement heat casualty prevention controls and countermeasures into the operational risk management process with documentation on worksheets.

(c) Report heat injuries to the Risk Management Office via WESSII.

d. Coordinating Instructions

(1) Heat injury prevention training curriculum will include: (1) Types of Heat Injuries, (2) Causes of Heat Injuries, (3) Heat Injury Prevention, (4) First-Aid treatment for Heat Injuries, and (5) Use of the WBGTI and Heat Condition Flag Warning System at enclosure (2). Enclosure (3) contains a summary of heat injury signs and symptoms and first-aid treatment.

(2) Heat injury prevention training attendance will be documented and course material will be made available for review during periodic Safety & Fire Prevention inspections.

(3) Access to the AHSS WBGTI is available through a website link on the MCLB Albany website at http://www.ala.usmc.mil/flags/

(4) If the AHSS website becomes inaccessible or personnel cannot access the AHSS website, the current WBGTI can be obtained by contacting the Risk Management Office at 639-5249. The AHSS unit is located behind Building 3500, outside wing 300 of Coffman Hall.

(5) Heat condition warning flags and signs will be removed when a WBGTI no longer exists. Flags and signs will be taken down at the end of the day or at dusk.

(6) The senior leader responsible for the event or operation will monitor the WBGTI before, and during the event or operation, including routine operations and processes, in order to evaluate the risk of heat injury and apply corresponding controls, countermeasures, and precautions. The WBGTI and Associated Heat Condition Flag Warning System, with precautions are at enclosure (2).

(7) The senior leader responsible for the event or operation will enforce work-rest cycles in accordance with the current WBGTI. Work-Rest cycles are at enclosure (1).

(8) The senior leader will ensure potable water is available to all participants and drinking policies enforced during all events and operations where Marines and Civilian Marines may be at risk for heat injury. Ensure water consumption is a continuous process (prior to, during, and after the operation). Fluid replacement guidelines are at enclosure (1).

(9) All personnel will be trained at least annually prior to the onset of the summer's hottest weather. Supervisors will ensure that newly assigned or non-acclimatized personnel are trained prior to being exposed to heat stress conditions. Numerous training resources are available on the Internet. Reference (c), NEHC-TM-OEM 6260.6A, is a very good heat stress management technical reference. Training also can be performed using expertise within the organization, from the Risk Management Office or from the Naval Branch Health Clinic.

(10) Acclimatization is a gradual process that conditions the body to perform effectively at extreme temperatures. A period of approximately 2 weeks with progressive degrees of heat exposure and physical exertion should be allowed for substantial acclimatization. Leaders at all levels shall identify newly assigned and non-acclimatized personnel within their organizations to ensure they are not exposed to heat stress conditions until they become acclimatized.

(11) Special instructions for physical fitness training during heat stress conditions:

(a) Before outdoor physical training, command leadership and supervisors will check the current WBGTI to determine the degree of risk and required precautions to safely exercise. Leaders will adhere to the Heat Condition Flag Warning System in enclosure (1) when planning physical fitness

programs and other strenuous physical training in hot environments. Efforts will be made to avoid outdoor physical fitness training, to include recreational sports, during the hottest part of the day.

(b) Non-acclimatized personnel, personnel taking medications that reduce tolerance to heat stress, individuals with a history of heat injury susceptibility, or Marines who are on the weight control program, will be identified prior to being required to participate in physical training during heat stress conditions. Additional precautions or reductions in time and intensity of physical training may be required to prevent heat injury to these personnel.

(c) Group or unit formation runs during heat stress conditions will be conducted with a safety vehicle behind the formation. The safety vehicle will contain fresh water adequate for the number of personnel and a medical corpsman with communication capabilities to call activate the MCLB Albany Emergency Medical Service.

(12) Special instructions for industrial areas during heat stress conditions:

(a) Supervisors of occupationally exposed personnel will use enclosure (1) to plan work and rest cycles for individuals under their control.

(b) Supervisors will provide environmental cooling to exposed workers in hot environments. Examples include fans, open windows, and cool break areas, with potable water, in which workers can rest and rehydrate.

(c) Every effort will be made to avoid strenuous outdoor tasks during the hottest part of the day.

(d) Organizations are authorized to implement "tropical hours" for employees whose duties require them to work outdoors during the hottest part of the day.

5. Administration and Logistics

a. Administration. None

b. Logistics. None

6. Command and Signal

a. Command. This order has been coordinated with tenant commands and is applicable to all organizations and personnel located aboard MCLB, Albany, Georgia.

b. Signal. This order is effective the date signed.

C. N. HALIDAY

DISTRIBUTION: A