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GENERAL ORDERS)

NO. 6)

SANITARY REGULATIONSI. GENERAL

The following provisions for the sanitation of this division are published for the information and guidance of all concerned.

1. Responsibility: Commanding Officers of all organizations are responsible for sanitation and the enforcement of the provisions of sanitary regulations within their organizations, and within the boundaries of the areas occupied by them. (Par 2 a, AR 40-205).

2. Regimental and Unit Surgeons are charged with the duty of investigating the sanitary conditions within their respective areas, and will assist the commanding officers of units by means of frequent constructive sanitary inspections of the units concerned and by making recommendations to correct discrepancies found.

3. The Division Surgeon is charged with the responsibility of investigating, reporting upon, and making recommendations pertaining to all matters affecting the health of the command. (Par 2 d, AR 40-205).

4. The Division Medical Inspector, under the Division Surgeon, is charged with the supervision of sanitation of the command and with the prevention of communicable disease therein. (Par 2 e, AR 40-205 and Par 1 b, AR 40-270). In addition, he will establish and direct a comprehensive and unified program to reduce the non-effectiveness resulting from venereal diseases. (Par 1 b, AR 40-470).

5. The Division Dental Surgeon, under the Division Surgeon, is charged with the preservation of the dento-oral health and the prevention of dento-oral diseases and deficiencies of the command. (Par 3, AR 40-15).

6. The Division Veterinarian, under the Division Surgeon, is charged especially with the supervision of described duties in connection with meat and dairy hygiene. (Par 2 c, AR 40-205; Par 3, AR 40-2005 and AR 40-2150).

II. WATER

1. In Garrison: No water supply other than that provided by the Post or Camp will be used unless approved by the Post or Camp Surgeon and authorized by the Post or Camp Commander.

2. In the field: Water for all purposes will be obtained from authorized water depots only. In no instance will troops use water from nearby farms, springs, wells or streams. Strict water discipline will be maintained at all times. Canteens will contain only water and will not be

filled with carbonated beverages or fruit juices. In camp or bivouac areas the water sterilizing bag will be used. Chlorination of water will be done at original depots. In emergencies, where no hypochlorite is available, water may be sterilized by boiling for one minute. (Par 11 c, AR 40-205).

III. MESSES AND FOOD

1. Necessary measures will be taken to assure that all food is stored, prepared and served in a sanitary manner.

2. Only such food and drink as are supplied by the Quartermaster and items purchased from authorized sources will be used. All supply officers will expedite food distribution to minimize spoilage of perishables. Food will be protected from dust, dirt, flies, etc., while in transit and after arrival in messes. (Par 12, AR 40-205). Care will be exercised in the storing of dairy products as these items readily absorb the odors of fish, onions, oil products, etc. Strict attention will be given to cleanliness of trucks transporting food supplies. The use of galvanized iron containers for the preparation of food and drink is prohibited. Soft drinks and drinking water prepared in bulk will be prepared and served from covered containers. Milk, pasteurized, grade "A", or milk, pasteurized, grade "B", which has been approved by the Veterinary Inspector will be used. If these are not available canned evaporated milk may be used. (Par 3, AR 40-2005; AR 40-2150; Circular letter 377, OQMG, October 5, 1942).

3. Refrigerators: Meat will be suspended in refrigerators and free from pressure or contact with other materials. In the event hooks are not provided, meat will be wrapped in white cloths which have been recently boiled and laid upon racks. Facilities will be provided for catching the drip from thawed meats. (Par 11 b (2), AR 40-205). Refrigerators will be washed daily with soda water or soda and vinegar solution. The maximum permissible temperature for mechanical refrigerators will be 42° F, and for ice boxes 50° F. (Par 14, AR 40-205).

4. Tables: After each meal mess hall tables will be thoroughly scrubbed with G.I. soap and brushes.

5. Dishes and utensils will be thoroughly washed in hot, soapy water, rinsed twice in scalding hot water (160°) and allowed to dry in the air while still hot. A brush may be used for cleaning dishes and utensils, but must be thoroughly cleaned and boiled after each meal. (Par 15 b, AR 40-205). All meat saws and meat grinders will be dis-assembled when not in use. Meat blocks will be in a sanitary condition at all times, and after use will be thoroughly scraped, washed and protected. A thin layer of salt may be spread over top of meat block while not in use.

6. Mess kits: In cleaning mess kits, three suitable containers such as galvanized iron cans will be used. The first receptacle will contain hot, soapy water; clear rinse water in the second and third kept actually boiling during the entire period they are being used. Each soldier will clean his mess kit by scraping with his spoon the residual food into a garbage can or other suitable receptacle, then carefully washing the equipment, using the long-handled brushes provided, in the first receptacle of soapy water, then rinsing in the second and third receptacles of clear, boiling water, shaking the equipment and allowing it to air-dry. (Par 15 c, AR 40-205).

7. Grease traps will be cleaned at least twice weekly.

8. Food handlers: It will be the responsibility of organization commanders, mess officers and mess sergeants to inspect food handlers daily for general cleanliness, short hair, and clean, short fingernails. All permanent food handlers will be given a physical examination, including stool culture and urine analysis on their first examination by the unit surgeons, prior to assignment to duty, and will be re-examined at least every six (6) months. Monthly inspections by the unit surgeons of all permanent food handlers will be made by the 10th of each month, and each food handler will be given a certificate stating date of examination, name, rank, serial number, and organization, and that he is qualified to be a food handler. (Par 11, 12, 13 and 14, AR 40-205).

9. Mops and brooms will be suspended in the racks. Racks will be located outside the building and in the sun, if possible. Mop heads will be thoroughly cleaned in hot, soapy water, wrung and placed in rack after each use.

10. Bulletin Boards: The following information will be posted on the bulletin board in each mess hall:

- a. Certificate of examination of all permanent food handlers.
- b. Daily menu.

11. Unit Medical Officers will make a frequent inspection of messes within their organization. Inspections will include food and menus, food preparation and serving, and cleanliness of messes and personnel. Recommendations for needed improvements will be made to their respective commanders.

12. Unit Commanders will provide instructions in mess sanitation for mess personnel and will take measures to effect cleanliness in messes at all times, and insure an adequate supply of wholesome, nutritious food for members of their command.

IV. WASTE DISPOSAL

1. Human waste.

a. In garrison the sewer system will be utilized. Latrines will be policed and clean at all times. Latrine seats will be scrubbed with soap and water daily. (Par 19, AR 40-205). Floors of latrines will be mopped with soap and water daily. Lavatories and bowls will be cleaned daily.

b. Adequate prophylactic measures against epidermophytosis (athlete's foot) will be provided. Foot baths will be maintained in all shower rooms and will be changed daily. The following solution will be used in foot baths: Not less than three-quarters ($3/4$) and not more than one (1) ounce of hypochlorite (70% available chlorine) per gallon of water. The hypochlorite supply will be stored in a dry place in glass jars with tight lids. In case calcium hypochlorite is not available, chloride of lime may be used in foot baths. One teaspoon full of chloride of lime will be used in four gallons of water. Showers will be scrubbed with soap and water daily and duck boards sunned, weather permitting. A receptacle for trash will be provided in each latrine.

c. In field. When troops bivouac for less than one week, straddle trench latrine will be dug and maintained in accordance with Par. 59, FM 8-40. On departure from area all trenches will be filled, covered with a mound of earth and posted with identifying wooden markers as follows: "Old Latrine" with date closed. Latrine screens will be provided for each latrine.

When troops remain on location for more than one week, each company will construct fly proof pit latrine with latrine boxes and urinal troughs piped into the latrine pit. The contents of the pit sides, insides of latrine boxes, and urinal trough will be sprayed daily with crude oil. The outsides of all latrine boxes will be scrubbed with soap and water daily. All latrines will be lighted during hours of darkness unless otherwise ordered. On departure all latrines will be closed as described above.

2. Garbage and solid waste.

a. (1) In garrison garbage and waste will be handled as follows: Garbage will be separated into edible and non-edible. Edible garbage will be collected daily by the post garbage collector. Non-edible garbage and waste will be separated into four classes: 1 - Citrus fruits, egg shells, fish scrap and fish bones and other combustible garbage; 2 - Coffee grounds and tea leaves; 3 - Paper, wood scraps and other trash; 4 - Ashes. Non-edible garbage and waste will be taken to the post dump daily by the unit.

(2) Garbage racks will be scrubbed daily with soap and water. The grounds adjacent to the racks will be sprayed frequently with used motor oil, and the oil will be raked into the ground.

(3) Garbage and waste cans will be washed twice weekly at post incinerator with boiling water. Transportation and labor will be furnished by the unit. In the event that washing cans twice weekly is not sufficient to keep them clean, the cans may receive additional washings in the mess hall, but the washings will be poured down the kitchen drain and in no case poured upon the ground.

(4) Glass bottles and fragments will be disposed of as in Post Regulations. Grease containers will be provided and grease will be collected by the post grease collector. Grease containers will be cleaned by the unit.

b. (1) In the field all solid and semi-solid garbage and burnable trash will be disposed of in the company incinerator. (FM 8-40). Standard G.I. cans will be utilized to collect garbage and trash prior to burning. Garbage cans will be scrubbed daily with soap and water. Care will be taken to prevent spilling of garbage on the ground. Material which cannot be burned will be disposed of in a pit dump located and operated under the supervision of the Division Medical Inspector, who will inspect the areas frequently. Tin cans will be smashed flat and burned in an incinerator prior to dumping.

(2) Liquid waste. Each kitchen will have a soakage pit equipped with a grease trap. All liquid waste will be disposed of in the soakage pit and none will be thrown or spilled on the ground. Upon vacating an area all pits and dumps will be covered by a mound of earth and marked with a wooden marker as follows: "Garbage Pit" with date closed.

V. QUARTERS

1. In garrison

a. Barrack rooms, day rooms and recreation buildings will be kept clean and orderly at all times. Beds will be arranged to allow at least 40 square feet of space per bed. (Memo Hq SOS, dated Sept 28, 1942 SPHOG 620.12). Head to foot sleeping will be used. Frequent inspections will be made to insure proper ventilation. During cold weather ventilation will comply with recommendations Par. 17, FM 8-40; Par. 10 a (3), AR 40-205.

b. In event it becomes necessary to employ pyramidal tents to quarter personnel, the procedure outlined in preceeding paragraph will be followed. In addition, tent walls will be rolled between reveille and retreat, weather permitting. Not more than six (6) men will be quartered in one tent. Tents will be struck or furled at intervals in order that sites may be thoroughly sunned. (Par 10 c, AR 40-205).

c. All bedding will be aired and sunned once each week.

VI. INSECTS, RODENTS, SNAKES AND POISONOUS PLANTS.

Unit commanders are charged with the responsibility for adequate control of insects and rodents within their organizations and areas. The Division Medical Inspector will make surveys and inspections to determine the existence, actual and potential, of breeding, harboring, feeding places, and dissemination factors of flies, mosquitoes, other insects and rodents within the Division Area. He will cooperate with the Post or Camp Sanitary Officer and will make recommendations for the elimination of such pests. Sodium fluoride, phosphorus or other materials toxic to man will not be used for insect and rodent control except under strict supervision of unit commanders after consultation with the Division Surgeon on effective and safe methods for the use of such materials.

1. Flies. Organizations will install at least three fly traps per kitchen and one per garbage rack. These traps will be kept properly baited with moist bait. (Par 2 d, AR 40-205). See Chapter 7, FM 8-40 regarding construction of fly traps and suitable bait. Screening will be in good condition. In bivouac means will be taken to eliminate breeding places. Food will be covered at all times, except when serving.

2. Roaches. Food will not be exposed overnight and all food particles and crumbs will be removed from containers, tables, shelves and floors after each meal. Garbage cans will be covered and garbage racks clean. Stoves sinks, refrigerators, etc., will be kept clean and free of food particles and grease. Vegetable bins will be scrubbed with boiling water at least once weekly. Constant application of the above measures and the intelligent use of insecticides are necessary in the control of roaches. Sodium fluoride will be issued for use against roaches. This is a deadly poison and will never be allowed in contact with food. When not being used it will be kept locked in the storage room or other inaccessible place.

3. Mosquitoes. All openings to sleeping quarters will be effectively screened, or men will sleep under regulation mosquito nets. Organization commanders will take measures to prevent the breeding of mosquitoes in containers such as barrels, buckets, cans, etc., or in basements, excavations under buildings, pools, furnaces, water pots and collections of water

of any kind within their areas. Organization commanders while in malarious areas will take necessary precautionary measures to prevent unnecessary exposure of their command to mosquitoes. (Par 21, AR 40-205 and AR 40-230).

4. Chiggers (Red Bugs) are present in great numbers on vegetation during the summer months throughout the South. They may cause extensive skin irritation. Mechanical removal of the insects by bathing is the best preventive measure. Powdered sulphur lightly dusted in the clothing and on the skin below the belt line will reduce the number of bites.

5. Ticks abound in many areas and may transmit some disease. Mechanical removal as soon as possible is imperative. Frequent inspections will be made for ticks on the body when troops are in tick infested areas. Ticks will not be crushed but will be destroyed by burning them with a match.

6. Bedbugs: Bedding and mattresses will be aired weekly, at which time springs and connections of beds will be inspected for bedbugs. A spray gun, one pint capacity, and an accepted insecticide will be provided by the units for each barracks. Clothing and baggage of incoming troops, men returning from leave, and of units returning from maneuvers should be inspected to prevent infestation of barracks.

7. Rodents: All means will be taken to deny food to rats and to exterminate them. The division area will be kept free of trash and waste matter. Undue prevalence of rodents will be reported to the Division Surgeon.

8. Snakes: Some venomous reptiles are found in this region. Troops will be instructed to exercise care in advancing through long grass, thick brush and wooded areas. All troops will be instructed in first-aid treatment of snake bites. Emergency snake bite kits will be available in each battalion and separate unit. (Obtained from Division Medical Supply Officer).

9. Poisonous plants: All susceptible persons who have been exposed to poison oak will wash the body thoroughly with soap and water immediately upon return to camp, and then report to their unit dispensary for treatment.

VII. PERSONAL HYGIENE

1. In garrison: Every member of the command will bathe daily. Hands will be washed before meals and immediately after using a latrine. Teeth will be brushed daily. Fingernails will be clean and short. The hair will be kept short. Clothing and bedding will be clean and soiled articles will be kept in barracks bags. At monthly physical inspections attention will be given to personal cleanliness of troops. Unit commanders will see that the feet of their men are kept in normal condition for marching and that new shoes are properly broken in prior to long marches. (Par 7 and 8, AR 40-205).

2. In the field: Bathing will be supervised, and when possible troops will bathe twice weekly in warm weather. Troops will not go barefoot at any time.

VIII. DISPENSARIES

1. Unit dispensaries will be maintained by the following organizations:

422nd Infantry Regiment	Bldg No. 7402
423rd Infantry Regiment	" " 505
424th Infantry Regiment	" " 9702
106th Division Artillery	" " 8302 and 7305
331st Medical Battalion	" " 8501
81st Engineer Battalion	" " 9641

The 106th Reconnaissance Troops will be served by the 423rd Infantry Dispensary; the 806th Ordnance Company by the 106th Division Artillery Dispensary; and the Signal Co., M.P. Co., Q.M. Co., and Hq detachment by the 331st Medical Battalion Dispensary.

2. Dispensaries will be marked by appropriate signs during the day and by a green light after dark.

3. Sick Call will be held at 0730. Ambulance service will be furnished by the 331st Medical Battalion while in garrison, and by the 331st Medical Battalion for organizations in the field who do not have ambulances within the unit.

4. All unit dispensaries will maintain adequate personnel on duty at all times.

5. Dental Service in garrison at unit dispensaries will consist of daily sick call and dental surveys. Treatment which demands more extensive equipment will be provided by the Post Dental Clinic. Unit commanders are responsible that the requests on Form 65, M.D., appointments to report to Dental Clinics, are complied with and that men return to the Clinic when given appointment slips. These slips will be filed in the orderly room and will be reissued to the patient prior to each visit. When treatment is completed the last appointment slip will bear a notation to that effect by the dental officer. In case it is impossible to keep an appointment, the organization will notify the clinic. Failure to do this causes an undue waste of time on the part of the limited dental personnel.

IX. IMMUNIZATION AND BLOOD TYPING

1. Proper immunization of troops is the responsibility of unit commanders and will be provided by unit surgeons. Immunization will include smallpox vaccination, typhoid inoculations, and tetanus toxoid.

2. All arrangements for blood typing will be made through the Division Surgeon's office.

X. CONTROL OF VENEREAL DISEASE

1. All individuals who have been discharged from the hospital and remain under treatment for venereal disease will be restricted to the limits of the Post for a period of two months following their discharge from the hospital and for any additional period necessary to insure that they cannot transmit the disease to other persons.

2. Unit commanders will comply with existing regulations relative to venereal disease, noting especially:

- a. Par 5, AR 40-235 and AR 35-1440, 40-1030 and 345-415.
- b. Circular No. 249, WD, 1941.
- c. Circular No. 14, WD, 1940.
- d. Sex Hygiene pamphlet, WD, August 1, 1940.

3. It is the definite responsibility of the unit commander to use every possible means to control and prevent venereal disease in his command. The following will be carried out by the unit commanders:

a. Make necessary provisions at regular intervals for lectures on sex hygiene by a chaplain, a medical officer and a line officer. This is to be given at least once every six months. New members of the organization should receive these instructions immediately after joining.

b. Take necessary steps for the showing of sex hygiene films as often as practicable, and provide each man with Sex Hygiene and Venereal Disease pamphlet, WD, August 1, 1940. (Copies may be secured from the Division Surgeon's office.

c. Chemical prophylactic sets including rubber condoms are on sale at the Post Exchange Warehouse. These sets will be purchased wholesale by each unit, using unit funds for this purpose. Each enlisted man will be instructed that individual prophylactic kits are available without cost at the orderly room or other convenient location. (AR 40-210, C-1 December 8, 1942).

d. Post form No. 1 (Appendix "M") will be filled out for each case of venereal disease occurring in the command. Care will be taken that all available information be included and that the completed form be forwarded promptly to the Division Surgeon.

e. The location of prophylactic stations will be published on organization bulletin boards.

f. Necessary steps will be taken to see that each man in the organization reads and understands the following printed instructions:

"Fully 75 per cent of all prostitutes have either gonorrhea or syphilis. Intercourse with such persons constitutes a serious danger which no man can safely ignore.

"No known means of prophylaxis will be sure to protect you from a disease which may and frequently does cripple a man for life. If you are determined to associate with women who are almost without exception capable of transmitting serious disease, for the safeguard of your own health observe the following instructions:

1. Stay sober.
2. Use a rubber protective at each intercourse.

3. Wash yourself carefully with soap and water afterwards and urinate.
4. Report to a prophylactic station immediately to obtain further chemical treatment. The use of protectives does not excuse you from taking the prescribed Army prophylaxis.
5. Avoid kissing, as syphilis is often transmitted to the mouth.
6. Report to the Surgeon at once if signs of venereal disease are suggested. Early treatment may prevent serious complications.

"It cannot be pointed out too strenuously that these precautions will not absolutely guarantee against disease. They will, however, reduce the risk.

"It is to be remembered that sexual intercourse is not necessary for perfect health; that venereal disease is primarily a disease of recruits contracted through ignorance; and that the well trained soldier rarely subjects himself to the risk of such serious and disabling diseases."

4. a. Venereal prophylactic stations will be operated by each dispensary.

b. A Post prophylactic station is maintained at 1010 Assembly Street, Columbia, S. C.

XI. BARBER SHOPS

1. No barber shops will be established within the Division Area unless approved by the Division Commander.

2. Barber shops will be conducted in accordance with Par 9, AR 40-205. They will be inspected at frequent intervals by unit commanders and unit surgeons to insure proper sanitary conditions at all times.

XII. PHYSICAL INSPECTIONS

Physical inspections of all enlisted troops will be conducted by unit medical officers between the 10th and 15th of each month. (Par 2, AR 40-205). All enlisted men concerned will be inspected immediately prior to troop movements involving several days travel; before transfer to another station; and upon arrival at this command. (AR 615-250).

XIII. CIVILIANS

All civilians and civilian organizations attached to the division will comply with this order insofar as it applies to them. All civilian personnel will be immunized against typhoid fever and smallpox.