

1500

13 OCT 1987

From: Commanding Officer, Marine Corps Engineer School, Camp Lejeune  
To: Commandant of the Marine Corps (1DG)  
Via: Commanding General, Marine Corps Base (AC/S, Training and Operations),  
Camp Lejeune  
SUBJ: PROPOSED JOURNEYMAN HYGIENE EQUIPMENT OPERATOR (JHEO) COURSE  
DESCRIPTIVE DATA

Ref: (a) NCO 1500.42A  
(b) CMC WASHINGTON DC 291940Z MAY 87  
(c) CMC ltr TLG32-31e0212 1500 of 25 Mar 83

Incl: (1) JHEO Course Descriptive Data  
(2) Instructor Computation Worksheet  
(3) Task List

1. In accordance with references (a) and (b), the enclosures are forwarded for review and approval.
2. The course descriptive data was previously approved by reference (c).
3. The enclosed revisions constitute a major revision due to changes in the course descriptive data. Changes were made to the scope and purpose statements, course length, curriculum breakdown, instructor staffing, training support requirements, and task list.
4. The changes to the scope and purpose statements are minor changes in the wording and do not change the basic purpose and scope of the course.
5. The curriculum breakdown changed due to the deletion of instruction on the 600 and 1500 GPH Water Purification Units which are no longer in the inventory, deletion of military water supply and hygiene equipment operation lessons which are taught in the basic course, deletion of well drilling as a secondary MOS, and the addition of new equipment. The new equipment items added to the course are the Forward Area Water Point System, the Water Tank Module System, and the Tactical Water Distribution System. Electrical theory and combustion engine theory were increased since much hygiene equipment is powered by combustion engines and controlled by electrical controls and the journeyman level hygiene equipment operator is involved in the repair of the equipment.
6. The course length has increased from 68 days to 73 days due to addition of new subjects and more training in the repair of equipment.
7. Instructor staffing has changed from four to five instructors due to changes in the curriculum and an increase in class frequency from two per year to four per year.

*Typed*  
*connected on phone*  
*Mr K and LT Col Kelly, CMC*  
*87 12 14*  
*[Signature]*



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8. The tasks relating to equipment operation and equipment items no longer in the inventory were deleted and appropriate tasks pertaining to new equipment items were added to the task list.

R. A. TIEBOUT

Copy to:  
MCDEC (E03)  
CO, OIC

to provide a course syllabus for  
the new course of instruction  
at the Pacific Marine School.

The course consists of the following  
units of instruction: maintenance  
of equipment, including electrical  
equipment, and the operation of  
equipment. The course will cover  
the following units of instruction:  
1. Maintenance of equipment  
2. Operation of equipment  
3. Safety  
4. Hygiene  
5. First aid  
6. Fire fighting  
7. Emergency procedures  
8. General knowledge of the  
marine environment and the  
marine industry.

- 1. Maintenance of equipment
- 2. Operation of equipment
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marine industry.



COURSE DESCRIPTIVE DATA

- |   |   |
|---|---|
| 1. Course title<br>Course   | Journeyman Hygiene Equipment Operator   |
| 2. Location   | Marine Corps Engineer School, Camp<br>Lejeune, North Carolina 28542.<br>Government billeting and messing<br>available.  |
| 3. Marine Corps service school<br>code                                | DAC   |
| 4. Other service course number  | N/A   |
| 5. Military Assistance Program<br>Articles and Service List<br>Number | N/A   |
| * 6. Purpose  | To provide advanced training for<br>hygiene equipment operators for duty<br>in the Fleet Marine Force.  |
| * 7. Scope  | The course consists of the following<br>units of instruction: maintenance<br>management, plumbing, electrical<br>concepts, engine fundamentals, water<br>purification equipment, water<br>distribution equipment, hygiene<br>equipment, wells, and military water<br>supply. Instruction will focus on the<br>supervisory and repair aspects of the<br>hygiene equipment operator's tasks.  |
| * 8. Length (Peacetime)   | 73 training days  |
| * 9. Curriculum breakdown<br>(Peacetime)                              | 495 academic hours <ul style="list-style-type: none"> <li>- 139 hours lecture</li> <li>- 32 hours demonstration</li> <li>- 289 hours practical application</li> <li>- 10 hours performance examination</li> <li>- 25 hours written examination</li> <li>- 82 hours performance examination<br/>during application period of<br/>lessons</li> </ul> 87 nonacademic hours <ul style="list-style-type: none"> <li>- 4 hours graduation</li> <li>- 4 hours check-in</li> <li>- 4 hours check-out</li> <li>- 8 hours orientation</li> <li>- 67 hours student class preparation/<br/>research/project time</li> </ul> |

(Encl (1))



\* 22. Training support requirements The following additional equipment is required to teach the course.

<u>ITEM NAME</u>	<u>TAM</u>	<u>QTY</u>
Reverse Osmosis Water Purification Unit	B2604	4
U-22446 Water Purification Unit	B2625	4
Field Bath Unit	B0060	2
Field Laundry Unit	B1225	4
M12 Decontamination Apparatus	B0459	2
Hypochlorinator	B1140	1
Water Module Pump	Unk	2
Forward Area Water Production Supply System	Unk	2
Tactical Water Distribution System	Unk	Partial
3,000 Gallon Tank	Unk	12
Practical Application Training Site		1

23. Task list

Enclosure (3)

