

MANUAL OF EVALUATION STANDARDS FOR CIVILIAN JOBS
IN THE DEPARTMENT OF THE ARMY

PART II—STANDARDS FOR WAGE BOARD JOBS

JOB FAMILY
Domestic and Personal Service

SERIES
Deckhand — 5906

CODE
9-48/10-7, 9, and 12

INTRODUCTION

This series of standards has been developed by the Office of the Chief of Engineers, using the work situations peculiar to floating plants as the basis of study. The standards have been reviewed and approved by the Salary and Wage Administration Branch, Civilian Personnel Division, Office of the Secretary of the Army.

**DECKHAND (HOPPER DREDGE),
GRADE 7 W-6**

Point value

Experience and training.....	130
Responsibility.....	120
Mental application.....	45
Physical demand.....	150
Working conditions.....	170
Total.....	615

1. Work performed.—Under the supervision of the boatswain, deckhands perform work involved in the maintenance and repair of the deck and general housekeeping on the dredge. Workers receive detailed instructions when new tasks are assigned and receive continual or intermittent supervision during performance. As training progresses, workers perform the tasks listed below, subject to intermittent inspection. Completed work is checked for compliance with instructions. The performance of the following tasks is typical of this level:

a. Handling and fastening hawsers and mooring ropes to piers. Handling lines to secure other craft coming alongside dredge. Caring for, renewing, and splicing rope. Performing light rigging when required.

b. Washing deck with water hose. Chipping rust from deck.

c. Preparing surfaces to be painted by removing old paint, using paint remover, or scraping or chipping. Puttying holes and crevices. Applying prime and finish coats on exterior of dredge and painting interior walls, doors, furniture, etc.

d. On dredges where a bintender is not em-

ployed, operating hydraulic bin-gate machinery in opening and closing gates for dumping materials. Watching trimming gates for the distribution of the material in the bins and operating the gates when necessary. Greasing and cleaning bin-gate machinery.

e. Cleaning deck machinery. Repairing hand rails and walkways. Tools used include wrenches, hammers, and saws.

f. Performing general housekeeping work in quarters.

g. Loading stores and supplies to and from dredge.

h. Working as helpers to tradesmen and higher grade crew members in the repair and overhaul of the dredge by dismantling and assembling equipment and making adjustments as directed.

2. Factor evaluation.—**a.** Experience and training—point value 130.

(1) *Experience.*—Previous experience in shipboard, waterfront, or harbor work, such as to impart a good knowledge of deckhand work, is desirable. Workers should have the ability to learn common marine practices and the use of tools and materials associated with deck duties.

(2) *Education.*—The ability to read, write, speak, and understand the English language is required.

(3) *Training.*—These workers receive on-the-job training in the more difficult phases of rigging, painting, etc. In addition, they receive elementary supervisory training by being assigned as group leaders on specific projects.

b. Responsibility—point value 120.

(1) *Supervision received.*—Workers at this level are under close, direct supervision when learning and performing new tasks. Thereafter, they work alone or in groups under general supervision, without direct or close guidance. The work procedures are specified in detail and the workers receive help and advice from their supervisor on new or special problems they encounter. All work is checked upon completion.

(2) *Supervision exercised.*—None.

(3) *Tools, materials, and equipment.*—Workers are responsible for cleaning and caring for small hand tools and equipment. The possibility of damage to tools and equipment is small.

(4) *Safety.*—Workers are required to comply with safety rules and regulations when working on deck and to avoid injuries to themselves and others.

c. Mental application—point value 45.—Workers concentrate for short periods while receiving and carrying out instructions. A substantial degree of mental alertness, attention, and eye-hand coordination is required in performing varied tasks, such as painting, bin-tending, handling and fastening hawsers, housekeeping, loading and unloading stores, etc., alone or under general supervision. Close muscular coordination is required to perform this work on slippery decks or over or near water.

d. Physical demand—point value 150.—The preponderant tasks at this level require sustained physical effort in washing, scrubbing, scraping, cleaning, and painting surfaces requiring some overhead exertion; handling lines; climbing up and down steps; and lifting tools, materials, and supplies.

e. Working conditions—point value 170.—Work is performed inside and outside, with the preponderance of time being spent outside in extreme heat and cold, rain, and snow. Workers are required to clean mud and debris from the hoppers. There is exposure to paint fumes. There is danger of slipping and falling on wet decks and other surfaces, especially in rough waters. There is also exposure to hazards such as eye injuries while chipping paint and rust. Workers on seagoing hopper dredges are exposed to storms and accidents at sea and there is danger of drowning.