

U.S. Department of Labor Employment and Training Administration Office of Apprenticeship Training, Employer and Labor Services Washington, D.C. 20210	<u>Distribution:</u> A-541 Headquarters A-544 All Field Tech A-547 SD+RD+SAC+; Lab.Com	<u>Subject:</u> New Apprenticeable Occupation Pavement Striper <u>Code:</u> 200
Symbols: DSNIP/FG		Action: Immediate

PURPOSE: To inform the Office of Apprenticeship Training, Employer and Labor Services (OATELS), Bureau of Apprenticeship and Training (BAT) Staff of a new apprenticeable occupation:

Pavement Striper
AIMS Code: 1042
O*NET Code: 47-2141.00
Training Term: 4,000
Type of Training: Time - based

BACKGROUND: George F. Jones, former Regional Director–Region VI, San Francisco on behalf of the Southern California Laborers’ Joint Apprenticeship Committee, submitted the apprenticeability request for this occupation.

The Pavement Striper operates a variety of equipment to install thermoplastic and paint striping, stenciling, tape delineations, raised pavement markers and traffic signs on roadways.

A suggested work process (WP) schedule and outline of related technical instruction (RTI) are attached for your review.

Pavement Striper will be added to the list of occupations recognized as apprenticeable by the Office of Apprenticeship Training, Employer and Labor Services when the list is reissued.

ACTION: Office of Apprenticeship Training, Employer and Labor Services (OATELS), BAT staff should familiarize themselves with the attached WP and RTI.

Attachment

WORK PROCESS SCHEDULE FOR PAVEMENT STRIPER

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DESCRIPTION: Operates a variety of equipment to install thermoplastic and paint striping, stenciling, tape delineations, raised pavement and traffic signs. Prepares the surfaces to be stripped. Reads and interprets blueprints to determine the scope and limits of the job, the phase to be performed, the nature of the material to be used and the details and dimensions of the striping. Performs traffic safety and control in compliance with APWA, ITE, CTE and ATSSA approved methods. Inspects and maintains equipment, rebuilds striping and bead guns and paint pumps.

<u>On-The-Job Training</u>	<u>Approximate Hours</u>
1. Traffic Control	700
a. Establish and perform traffic controls and traffic safety	
b. APWA, ITE, CTE and ATSSA endorsed methods	
2. Tools, Equipment and Materials.....	400
a. Tool, equipment and material recognition and preparation	
b. Hand, electric, gas, hydraulic and power tool/equipment use and maintenance	
c. OSHA rules pertaining to Haz-Mat and safety equipment use	
3. Surface Preparation.....	700
a. Sandblasting	
b. Other removal methods/equipment	
c. Familiarity with respirators, eye and ear protection	
d. Removal of materials containing lead, etc.	
4. Commercial Driving License.....	50
a. Preparation for the State's Class A and B licenses to include Vehicle inspection, airbrake, tank and Haz-Mat endorsements	
b. Driver safety	
5. Site Installation/Preparation	750
a. Proficiency in interpreting approved plans and laying out of work to be performed	
b. Identifying site specific safety considerations	
6. Traffic Delineating Device/System Installation/Application.....	1400
a. Operation of equipment/use of materials to install thermoplastic, striping, stenciling, tape, delineators, raised pavement markers and traffic signs	
TOTAL HOURS	4000

RELATED TECHNICAL INSTRUCTION OUTLINE FOR PAVEMENT STRIPER

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<i>First Year</i>	<i>Approximate Hours</i>
1. Orientation 101	8
a. Introduction into the field of Striper, the apprenticeship program, career opportunities and the union.	
b. Documentation, legal responsibilities, ethics and professionalism	
2. First Aid/CPR 103	16
3. OSHA Safety 104A	8
4. Traffic Control 102A	24
a. Establish and perform traffic safety following the APWA, ITE, CTE and ATSSA endorsed methods	
5. Tools, Equipment and Materials 105A	24
a. Tools, equipment and materials recognition and preparation	
b. Tools, equipment and material storage and security	
6. Layout Techniques 107A	16
a. Traffic delineating devices, system installation and application, thermoplastic, striping and stenciling	
7. Plan Reading 108A	24
a. Interpretation of plans and layout	
8. Commercial License Preparation 106	24
a. Preparation for the State's Class A and B licenses to include vehicle inspection, airbrake, tank and Haz-Mat endorsements and driver safety	
9. OSHA Safety 104B	8
a. Rules and regulations pertaining to Haz-Mat, safe equipment operations, site specific safety considerations and personal safety	
TOTAL HOURS	152

RELATED TECHNICAL INSTRUCTION OUTLINE FOR PAVEMENT STRIPER

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<u>Second Year</u>	<u>Approximate Hours</u>
1. Traffic Control 102B.....	16
a. Establish and perform traffic safety following the APWA, ITE, CTE and ATSSA endorsed methods	
2. Tools, Equipment and Materials 105B	16
a. Tools, equipment and materials recognition and preparation	
b. Tools, equipment and material storage and security	
3. Layout Techniques 107B	16
a. Traffic delineating devices, system installation and application, thermoplastic, striping and stenciling	
4. Plan Reading 108B.....	16
a. Interpretation of plans and layout	
5. Pavement Marking Technician Training	24
6. Advanced Materials	24
7. Removal of Traffic Stripes.....	32
TOTAL HOURS	144
GRAND TOTAL HOURS	296