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SHIPYARD OCCUPATIONAL SAFETY AND HEALTH MANUAL

VOLUME I

ADMINISTRATIVE CONTROLS FOR THE SHIPYARD

OCCUPATIONAL SAFETY AND HEALTH PROGRAM

CHAPTER 2

PROCEDURAL CONTROLS AND RECORDKEEPING

CHANGE TRANSMITTAL 5100.27, Vol. I, Chapter 2

Issuance of Chapter

CHANGE TRANSMITTAL 5100.27, Vol. I, Chapter 2-1

Complete chapter rewrite and combination of procedural controls and recordkeeping incorporated

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VOLUME I
Administrative Controls for the Shipyard
Occupational Safety and Health Program

CHAPTER 2
Procedural Controls and Recordkeeping

- References: (a) NAVSEA Instruction 5100.17, Occupational Safety and Health Control Manual for Naval Shipyards
(b) NAVSEA Instruction 12810.1
(c) OPNAV Instruction 5102.1, Accident Investigation and Reporting
(d) OSHA Standard 29 CFR 1910.20

1. PURPOSE

The purpose of this procedure is twofold: to detail responsibilities for maintaining employee exposure records to stressors; and also to outline methods of controlling personnel exposure to stressors by procedural controls. The revision to this chapter provides a more orderly and cost effective approach to recordkeeping and procedural control and implements revision to reference (a).

2. GENERAL REQUIREMENTS

- 2.1 Stressors have been divided into three categories: A, B, and C. This classification was established in section 3-2 of reference (a). Appendix A, Sampling Criteria, classifies stressors (A, B, or C), and can be found at the end of this chapter. Category A stressors are known carcinogens. Category B stressors are significant health stressors (including suspected carcinogens), and Category C stressors are low risk stressors, irritants, etc.
- 2.2 The general recordkeeping/procedural control requirements are outlined in Table 2.2.

APPENDIX A STRESSOR CLASSIFICATION

SUBSTANCE	RISK ASSES: CAT.	PERMISSIBLE EXPOSURE LIMIT (PEL)	
		ppm	mg/m ³
C Chloroform	B	10	50
bis, Chloro-methyl Ether	A	0.001	0.005
1-Chloro-1-nitropropane	C	2	10
Chloropicrin	B	0.1	0.7
Chloroprene-Skin	B	10	45
Chromic acid and Chromates	B		0.1
Chromium, metal Chromium II, Chromium III Cmpds as Cr	B		0.5
Chromium, (VI) compounds water soluble certain insoluble	B		0.05
Coal Dust	B		2.0
Coal Tar Epoxies	B		
Coal Tar Pitch Volatiles	B		0.2
Cobalt, metal fume and dust	B		0.1
Coke Oven Emissions	A	STD	1910.1029
Copper, dusts and mists	C		1

SUBSTANCE	RISK ASSES: CAT.	PERMISSIBLE EXPOSURE LIMIT (PEL)	
		ppm	mg/m ³
Copper fume	B		0.1
Cotton dust (raw)	C		0.2
Crag Herbicide			15
Cresol-Skin	B	5	22
Cresote	B	5	19
Cristoballite	B	STD Z-3	1910.1000
Crotonaldehyde	B	2	6
Cumene-Skin	B	50	245
Cyanide-Skin	C		5
Cyclohexane	C	300	1050
Cyclohexanone	B	25	100
Cyclohexanol	B	50	200
Cyclohexene	B	300	1015
Cyclopentadiene	C	75	200
DDT - Skin	B		1
DDVP - Skin	B	0.1	1
Decaborane - Skin	B	0.05	0.3
Demeton - Skin	B	0.01	0.1