

#### **Command Name**

### Assessment completed by

# OMPA PROGRAM 47 CADMIUM

Assessment Date

Date

Date of Command Brief

### Program Purpose

Cadmium is an extremely toxic metal found in industry settings. It has a low permissible exposure limit (PEL) and overexposures may occur even in situations where trace quantities are found. Cadmium is used extensively in electroplating. Welders may unsuspectingly weld on Cadmium containing alloys or work with silver solders that contain Cadmium. Cadmium is also found in some Industrial paints. Operations that involve spraying of paint, scraping or blasting may pose a significant hazard. Cadmium emits a characteristic brown fume (CdO) when heated that is relatively on-irritating, and thus does not alarm the exposed individual.

#### **Program Goals**

The goal of a successful CADMIUM surveillance program assessment for Navy OM clinics includes the following elements:

1. Identify workers who need the cadmium surveillance program 2. Monitoring and assessment of potentially exposed cadmium workers 3. Regular or repeated collection analysis and interpretation of required Biological monitoring results 4. Performance of the occupational medicine examination 5. Documenting and maintaining proper records of exams and biological monitoring results 6. Informing the worker of the biological monitoring results 7. Counseling/educations concerning identified health risks 8. Identification and monitoring of Past Cadmium workers

#### **SUPPORTING DATA**

Regulations, Instructions, and References				
Select which type of access you have for each of the references listed				
(a) <u>5 CFR Part 339</u> (8/21) Medical Qualifications Determinations	Hardcopy	/ Electronic	None	
(b) <u>29 CFR 1910.1027</u> (current) <sup>Cadmium</sup>	Hardcopy	/ Electronic	None	
(c) <u>29 CFR 1926.1127</u> (current) <sup>Cadmium</sup>	Hardcopy	/ Electronic	None	
(d) OPNAVINST 5100.23 Series, (8/18): Navy Safety and Occupational Health Program manual	Hardcopy	/ Electronic	None	
(e) OSHA Directive: CPL 02-00-135, (12/04) Record keeping policies and procedural manual	Hardcopy	/ Electronic	None	
(f) DoD 6055.05-M (08/18) Occupational Medicine Surveillance Program	Hardcopy	/ Electronic	None	
(g NMCPHC-TM-OM 6260: (current) Medical Surveillance Procedures Manual and Medical Matrix	Hardcopy	/ Electronic	None	
(h) <u>NAVMED P-117</u> (10/20) Manual of the Medical Department	Hardcopy	/ Electronic	None	
The difference of Decomposition of Table				

#### Tracking and Program Management Tools INSTRUCTIONS

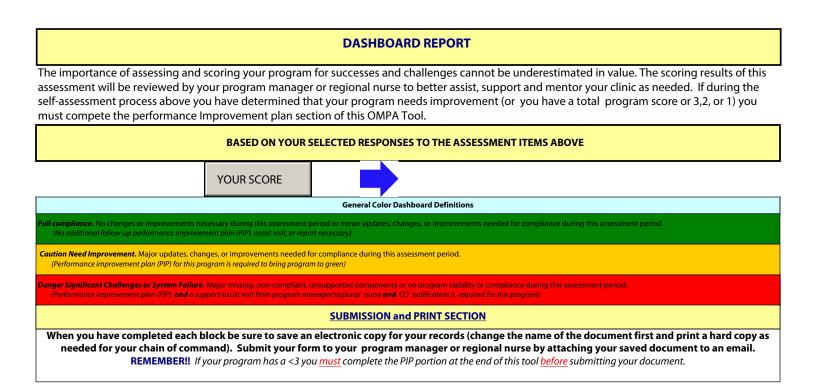
This Occupational medicine Program Assessment tool is designed as an interactive self-assessment picture of the program being review. Using the color coded scoring range of 1/RED (absolute system failure and noncompliance) to the highest score 5/GREEN (perfect compliance and best practice methods). Any score 3 or lower will require a validation comment in the space provided. This does not mean you cannot add comments of your choice.

#	Assessment Questions	Response
47.01	Is the enrollment in to the Cadmium medical surveillance, provided in your clinic, based primarily on the results of the most current Industrial Hygiene Survey with your OM professional input?	
47.02	If specific individualized Cadmium exposure monitoring data is performed by Industrial Hygiene, is the summary of this data filed in the workers medical record?	
47.03	Employees are placed in medical surveillance when they are or may be exposed to Cadmium at or above the action level?	
47.04	Are pre-placement examinations being provided for workers per written requirements?	

Clinic Name

		Program 47 CADOMPA 2
#	Assessment Questions	Response
47.05	A periodic examination is completed within one year after the pre-placement examination and then at least biennially?	
47.06	Biological monitoring is completed for pre-placement and annually thereafter consisting of blood and urine cadmium level labs and Beta-2 microglobulin lab	
47.07	A detailed history of health and work is obtained which includes smoking status/history, reproductive, use of medications effecting the renal system, history of renal, cardiovascular, respiratory,hematopoietc and musculo-skeletal problems?	
47.08	A respirator examination is completed during physical and prior to starting work with cadmium?	
47.09	A Physician's written opinion containing whether the employee has any detected medical condition(s) that would place the person at risk, biological monitoring results if known and any recommendations for removal are provided to the employee.	
47.10	A written notice is provide to the employee via the employer of the results of the biological monitoring if not available at time of examination. This notice will provide an explanation of what is normal. ALL ABNORMALS are recalled to clinic for further followup with a provider.	
	ADDITIONALCOMMENTS:	

Provide specific information to support your responses from the questions above in the space provided below



CONGRATULATIONS! YOU HAVE COMPLETED THE PROGRAM 47 CADMIUM!

# **PROCESS IMPROVEMENT PLAN**

If during the self-assessment process above you have determined that the PROGRAM INTEGRATION program needs improvement (or you have a total program status of <3) complete the following PIP. This is an ongoing plan that must be updated until your program status has improved to >3.

#### Date PIP initiated:

Describe your plan including steps for success in the box below then proceed to submission section:		
Date of PIP update #1		

Enter 1st PIP status and update information in box below:

HAS YOUR PROGRAM IMPROVED TO >3?		
(If YES no additional PIP is needed. If NO proceed with PIP and update at required interval)	YES	NO
	1	
Date of PIP update #2		

HAS YOUR PROGRAM IMPROVED TO >3?	YES	NO
(If YES no additional PIP is needed. If NO proceed with PIP and update at required interval)	125	

Date of PIP update #3