FILE NAME: Sun Shipbuilding (SUN)

DATE: 1968 OCT 10

DOC#: SUN003

DOCUMENT DESCRIPTION: Field Activity Report

1. Basic 5/8 V 2. Predmore File

L. Zuraba

HIH-19003 REV. 12-67

REGION I

PROD. MFG. OR SERVICE Shipbuilding

DATE OF ACTIVITY 10/10/68

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
OCCUPATIONAL HEALTH

FIELD ACTIVITY REPORT

EMPLOYEES: MALE ____ FEMALE ____ TOTAL 3,000

COUNTY: Delaware

IND. CODE: 3731

PLANT: Sun Shipbuilding Company

ADDRESS: Chester, Penna.

ZIP: 19013

PHONE: 215 SA6 9500

PERSON INTERVIEWED: Mr. Joseph Ross - Mr. William Acton

TITLE: Chemist - Mgr. Ind. Relatic

PURPOSE: INVEST.; SURVEY; INSPECT.; PRELIM.; F.U.; CONF. IT:

REASON: SELF-INIT.; O.D. REP.; COMPL.; REQUEST: SOUR

SPECIFIC HAZARD OR CONDITION	WORKERS EXPOSED	RECOMMENDATIONS WRITTEN --- VERBAL	ACCOMPLISHED YES	NO	IN PROG.
Zinc oxide fumes recirculation	50	Request permission to recirculate air on vacuum blasters. (written 10/11/68)			

SAMPLES COLLECTED (NO. & KIND) ____ TOTAL ____

DETERM. MADE (NO. & KIND) ____ TOTAL ____

MEDICAL - O.D. REPORTED, NO. & KIND ____

PUNCH CARD YES [XX] NO [ ] FOLDER YES [XX] NO [ ]

REMARKS:

Following a receipt of a complaint of men becoming sick as a result of exposure to zinc oxide fume during welding, a visit was made to the above plant. The complaint was from the company union to Mr. Oscar DiSilvestro of the United States Department of Labor.

Operations in question are tacking and welding steel which has been precoated with Amer Coat, 1 package Primer (Brea, Calif.) composition 25% Zn and 2% filler with the remainder being alcohols, glycols and polymers.

Company has performed their own monitoring and the results were analyzed by Delare Lab. Some of the results shown I. H. were:

	Total particulate	Zinc oxide
5/15/68	7 mg	1 mg
6/29/68	8 samples	
	3/7 - 22.8	1.8 - 3.6
	15 samples	
8/16/68	5.9 - 25.9	
	Highest concentrations Ni	0.01
	Cr Oy	0.09
	F	2.0

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(OVER)

BY Walter J. Chrostek RIH LTG

WINS 2.(

I. H. observed men during welding. Most of the men utilize blowers; however, I. H. was informed certain men objected to using blowers.

Company claimed they had no O. D. cases although they did have men claiming they felt bad.

Company had Dr. Brieger in for two days as a consultant.

A survey for ZnO will be done.

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