

FILE NAME: Sun Shipbuilding (SUN)

DATE: 1969 Mar

DOC#: SUN007

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
OCCUPATIONAL HEALTH

EACH SYSTEM REQUIRES
SEPARATE APPLICATION

APPLICATION FOR APPROVAL OF AIR RECIRCULATION SYSTEM

DATE March 13, 1969

PLANT NAME & Museum Commission
Sun Shipbuilding & Dry Dock Company
CITY AND ZIP CODE

ADDRESS
Foot of Morton Avenue

COUNTY
Delaware

Chester, Pennsylvania 19013

CONTAMINANTS COLLECTED

Ferric Oxide
Zinc

LOCATION OF AIR RECIRCULATION SYSTEM
(DEPARTMENT, BUILDING, ROOM, ETC.)

Eight (8) machines in 47 Fabrication Shop.

LIST OPERATIONS EXHAUST VENTILATED TO COLLECTOR AND ALL MATERIALS USED IN THESE OPERATIONS

OPERATIONS

MATERIALS USED IN OPERATION (SPECIFIC INGREDIENTS)

Vacu-blasting

Steel Shot

AIR RECIRCULATION SYSTEM INFORMATION

MANUFACTURER OF COLLECTOR Chamberlain's Vacu-Blast Sales Co., Inc. Cinnaminson, NJ.

MODEL NUMBER S-1-HPASF-50-U4 TYPE COLLECTOR Vacu-blaster

AIR VOLUME RATE OF SYSTEM 55 CFM DAILY OPERATION TIME 6 hours

DIMENSIONS OF ROOM TO WHICH AIR IS RECIRCULATED

47 LENGTH 1,040 FT.

8 WIDTH 201 FT.

h HEIGHT 84 FT.

o NUMBER OF EMPLOYEES FULL TIME Approx. 50
p IN THE AREA PART TIME

QUANTITY OF MAKE-UP AIR SUPPLIED TO AREA Natural Ventilation

LIST SPECIFIC REASONS WHY SYSTEM

CANNOT BE EXHAUSTED TO THE OUTSIDE Nature of machine essentially is a vacuum cleaner.

COLLECTOR EFFICIENCY DATA 95% by centrifugal cyclone. The rest collected by a dust pot and dust bag collector.

MAINTENANCE PROGRAM (DESCRIBE) Dust pot and filters and emptied each shift.

SOURCE OF MAKE-UP AIR Natural Ventilation

OTHER EXHAUST VENTILATION SYSTEMS IN THE AREA (DESCRIBE) None

TITLE Manager of Industrial Relations

SIGNATURE [Signature]

PHONE TR 6-9121

EXTENSION NUMBER 454

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☒ REGION REPORT AND RECOMMENDATIONS ON REVERSE SIDE

APPLICATION NO.

REGION I DATE REC'D 3/18/69 BY WC

COMMITTEE DATE REC'D BY

REGION DATE REC'D BY

PLANT NOTIFIED DATE NOTIFIED 3/28/69 BY [Signature]

COMMITTEE ACTION: ☐ APPROVED ☐ DISAPPROVED
☐ APPROVED (CONDITIONAL)

CONDITIONS:

APPROVED
Pennsylvania Dept. of Health
Division of Occupational Health

(USE REVERSE SIDE FOR ADDITIONAL COMMENTS)