

FILE NAME: Superior Combustion Industries (SCI)

DATE: 1971 Mar 25

DOC#: SCI010

DOCUMENT DESCRIPTION: Field Activity Report

*Boiler
 Tanning
 File*

 REGION 11-Kingston

PROD. MFG. OR SERVICE

Boiler

 DATE OF ACTIVITY 3/25/71

 FIELD ACTIVITY REPORT
 (Occupational Health)

PLANT

Superior Combustion Industries

ADDRESS

Fredrick & Blackman Streets, Wilkes-Barre

ZIP CODE

18701

TELEPHONE

717-825-0127

PERSON INTERVIEWED

William Sieden, Mr. Ott

TITLE

Plt. Engr., Corp. Ind. Engr.

EMPLOYEES

MALE

FEMALE

TOTAL

81

IND. CODE

36

COUNTY

LD

PUNCH CARD

 YES ☒

 NO ☐

FOLDER

 YES ☒

 NO ☐

N.S.N.

 YES ☐

 NO ☒

PURPOSE: INVEST.; SURVEY; INSP.; PRELIM.; F.U.; CONF.; VISIT; OTHER

 REASON: SELF-INIT.; P.D. REP.; COMPL.; REQUEST; SOURCE Ott called Ed Baier to set up meeting

SAMPLES COLLECTED

(NO. & KIND)

TOTAL

DETERM. MADE

(NO. & KIND)

TOTAL

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

RECOMMENDATIONS AND REMARKS

SPECIFIC HAZARD OR CONDITION	WORKERS EXPOSED	RECOMMENDATIONS		ACCOMPLISHED		
		WRITTEN	VERBAL	YES	NO	IN PROG.

inert particulate

1. Respirator

I

2. Local exhaust ventilation

I

Mr. Ott requested conference at plant. They had purchased general dilution fan. Stated not sufficient. Discussed local exhaust ventilation to capture and remove at source. Have two squirrel cages at Allentown. Will have their engineers draw up plans for manifold with flexible ducts. Left one of our ventilation manuals with him. Electrode for "squirt welding wire" Lincoln Electric Co., Sam Evans, Tech. Rep., Bethlehem, Pa, came in. Mr. Ott kidded him about getting "citation" already under New Act. Mr. Evans says their company is already testing (what sounded like low volume-high velocity) for welding head. Says they should have it on the market soon. However stick and other type welding and burning still require local exhaust ventilation. To place work horizontally as we suggested would mean they would have to resort to a change in weld and certification of welders (ASTM). So they are not about to do that. Squirt (continuous electrode feed) is a "smokier" operation and where we found higher concentrations.

Mr. Ott stated that his company and companies associated with Boiler manufacturing through their organization are tooling up for the Occupational and Health Act. In the very near future they are going to have a 3 day meeting on the Act. Mr. Ott will present a study and paper on illumination. He states the company is going into preplacement physicals probably to include audiograms. He has done noise surveys already. The company will institute an ear muff program, mandatory for all employees.

The Hartford insurance inspector dropped in but we did not get him in on the discussion. Mr. Ott will inform us of progress.

Report taken by _____

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Commonwealth of Pennsylvania
Department of Environmental Resources
Occupational Health

Inert Particulate Concentrations

Superior Combustion Industries
Frederick and Blackwelder Streets
Wilkes-Barre, Pennsylvania

Location	Inert particulate* (milligrams per cubic meter of air)	Remarks
Welder's area	7.9	Personal monitor sample, acetylene burning
	24.2 19.7	Personal monitor samples, shielded arc welding of boiler heads in vertical position, filters inside welding helmet
	14.7	Personal monitor sample, electric arc welding structural components, vertical position welding
	7.3	Concentration outside welder's helmet while welding tubes, boiler in horizontal position
	3.58	Operator's exposure while welding tubes, boiler in horizontal position, filter inside welding helmet

*Threshold limit value based on an 8-hour daily exposure:

15 milligrams inert particulate per cubic meter of air

Survey by: Paul Granka
Industrial Hygienist

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