

Jackson

STATE OF INDIANA



INDIANAPOLIS, 46206

AIR POLLUTION CONTROL BOARD
1330 WEST MICHIGAN STREET
P. O. BOX 1964

MAR 21 1983

Mr. Robert Unger, Director of
Production Engineering
United States Shoe Corporation
One Eastwood Drive
Cincinnati, OH 45227

Dear Mr. Unger:

Re: Registered Operation Status

Your application has been reviewed. Based on data submitted and the provisions in Sections 1 and 2 of 325 IAC 2-1.1, it has been determined that the following, located at 400 West Howard Street in Crothersville, Indiana, is classified as registered: the shoe manufacturing facilities.

Emissions shall be at a level acceptable to 325 IAC 6-2 and 6-3. Rule 325 IAC 8 does not have limits applicable to the facilities listed herein.

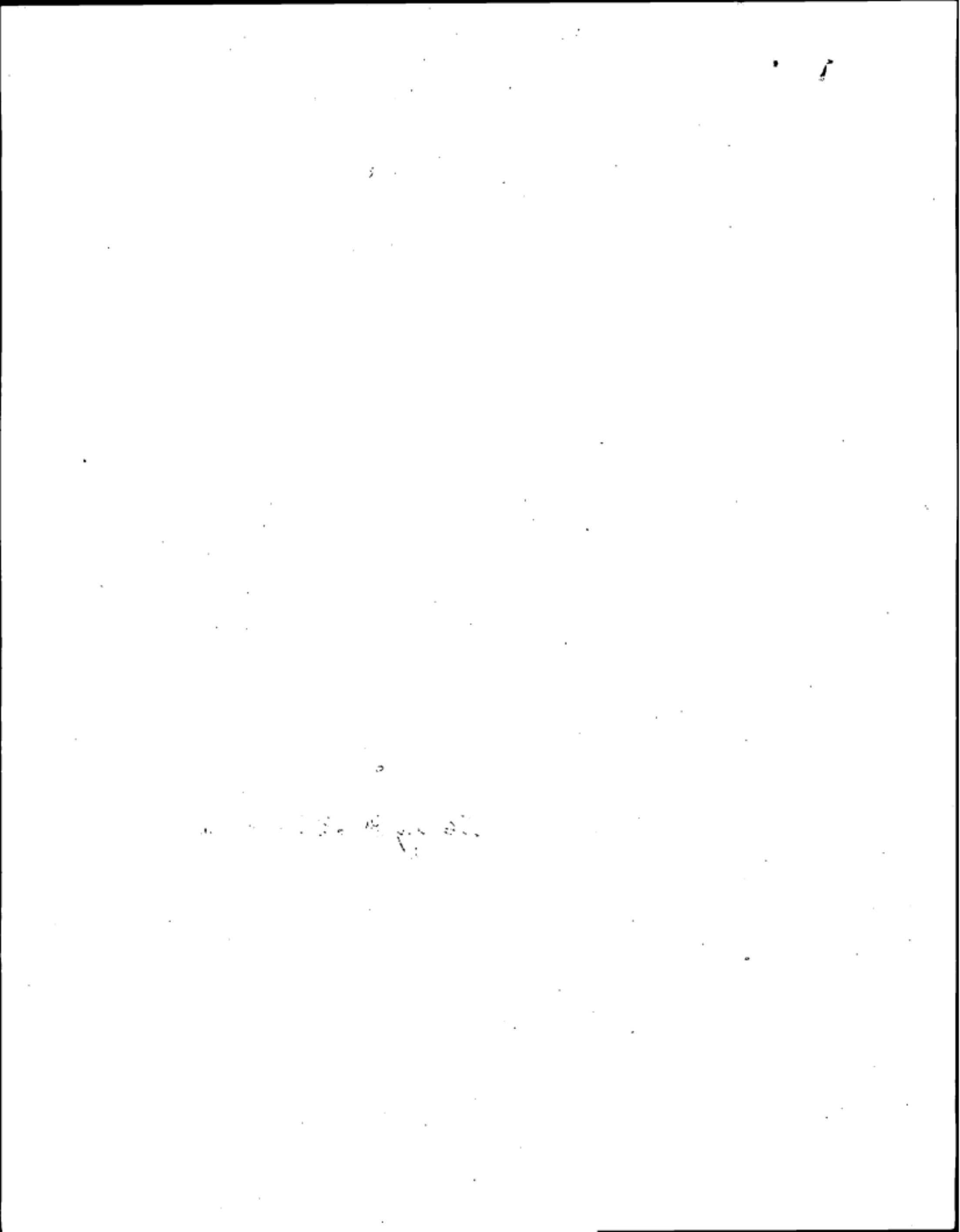
Please maintain this letter as your record that a permit to operate the above is not required at this time. However, any change in your operation which may result in a change in emissions, exceeding those specified in 325 IAC 2-1.1-1, must be submitted to the Board.

Very truly yours,

Harry D. Williams

Harry D. Williams
Technical Secretary

DJK/jd
Old Permit No. 36-01-83-0084



Deleted

Air Pollution Control Board STATE OF INDIANA

OPERATION PERMIT

United States Shoe Corporation
400 West Howard Street
Crothersville, Indiana

HC
SES Registration
MJM

is hereby authorized to operate:

The shoe manufacturing plant, at the above location only, consisting of:

- a. four leather grinding and buffing lines with particulate emissions controlled by four separate cyclones
- b. ten paint spray booths with particulate emissions controlled by baffles

Emissions will be at a level acceptable to Regulations APC-5 and 15.

This permit is issued under provisions of Regulation APC 19 with the following conditions:

- 1. That the equipment shall be operated and maintained in accordance with manufacturer's specifications.
- 2. That data and information supplied with the application shall be considered part of the permit.
- 3. That the provisions of the Indiana Environmental Management Act (IC 13-7), Air Pollution Control Law (IC 13-1-1) and Regulations promulgated thereunder shall be fulfilled.

Permit no. 36-01-83-0084

Date issued April 24, 1979

Expiration date January 1, 1983

Issued by *Joseph A. Nessel*

Technical Secretary

2060
A020

OFFICIAL USE ONLY

D.F.K. B-1

Return By _____

Inspector _____

RECEIVED

STATE OF INDIANA
AIR POLLUTION CONTROL BOARD
OPERATION PERMIT APPLICATION

DEC 1 1982

General Information

State Of Indiana
Air Pollution Control Division
Air Pollution Control Board

Company Name United States Shoe Corporation

Plant Location 400 West Howard Street Crothersville Jackson 47229
Street Address City County Zip Code

If Rural Plant: Give junction of two closest roads _____

Mailing Address for Plant if Different than Above:

One Eastwood Drive Cincinnati Ohio 45227
Street Address City State Zip Code

Person to Contact on Matters of Air Pollution Control:

Name Robert E. Unger Title Dir. Production Phone 513-527-7453
STEVE KELLY - Engineering

If you have changed company name or location in the past 4 years, please list the old name (s) below:

Name United States Shoe Corporation

Location 1658 Herald Avenue Cincinnati, Ohio 45212

Standard Industrial Classification 3141 Manufacturer of Womens Shoes
(If unknown, give a short description of business.)

Type of Permit Requested:

Renewal Operation Change of Ownership Relocation

If Renewal, list all equipment and production changes.

Private Utility Government (Local _____ State _____ Federal _____)

Year for which data is enclosed 19 82

I hereby certify that the information submitted this 29th day of November 19 82 is true and accurate to the best of my knowledge.

Signature Robert E. Unger

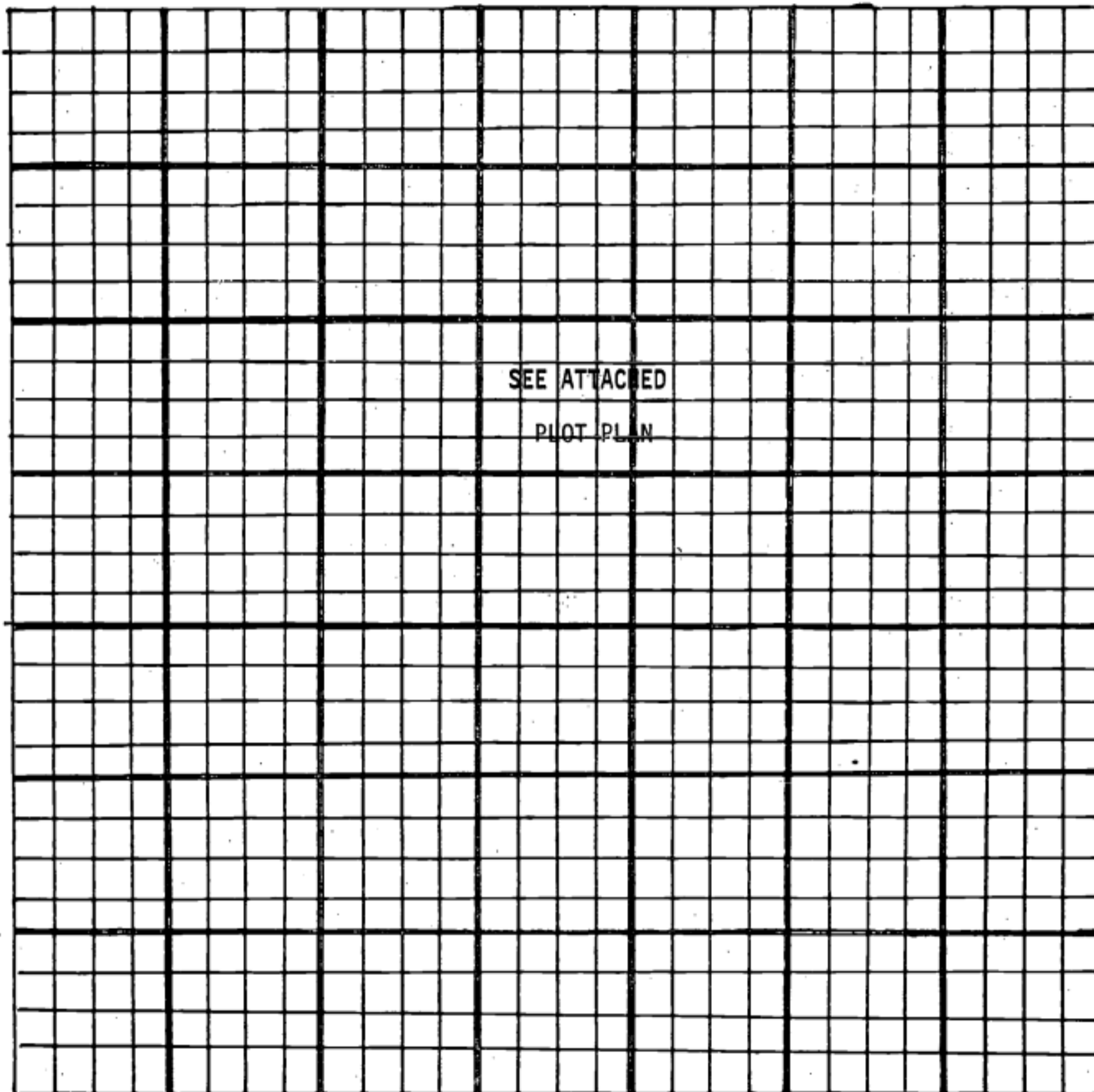
Title Director of Production Engineering

STATE OF INDIANA
AIR POLLUTION CONTROL BOARD

Plant Site Plot Plan

Company Name United States Shoe Corporation

Locate your business in relation to nearby geographic features, roads, or buildings. Show stacks and other sources of emissions. A company plant site plot plan showing this information may be substituted for this page.

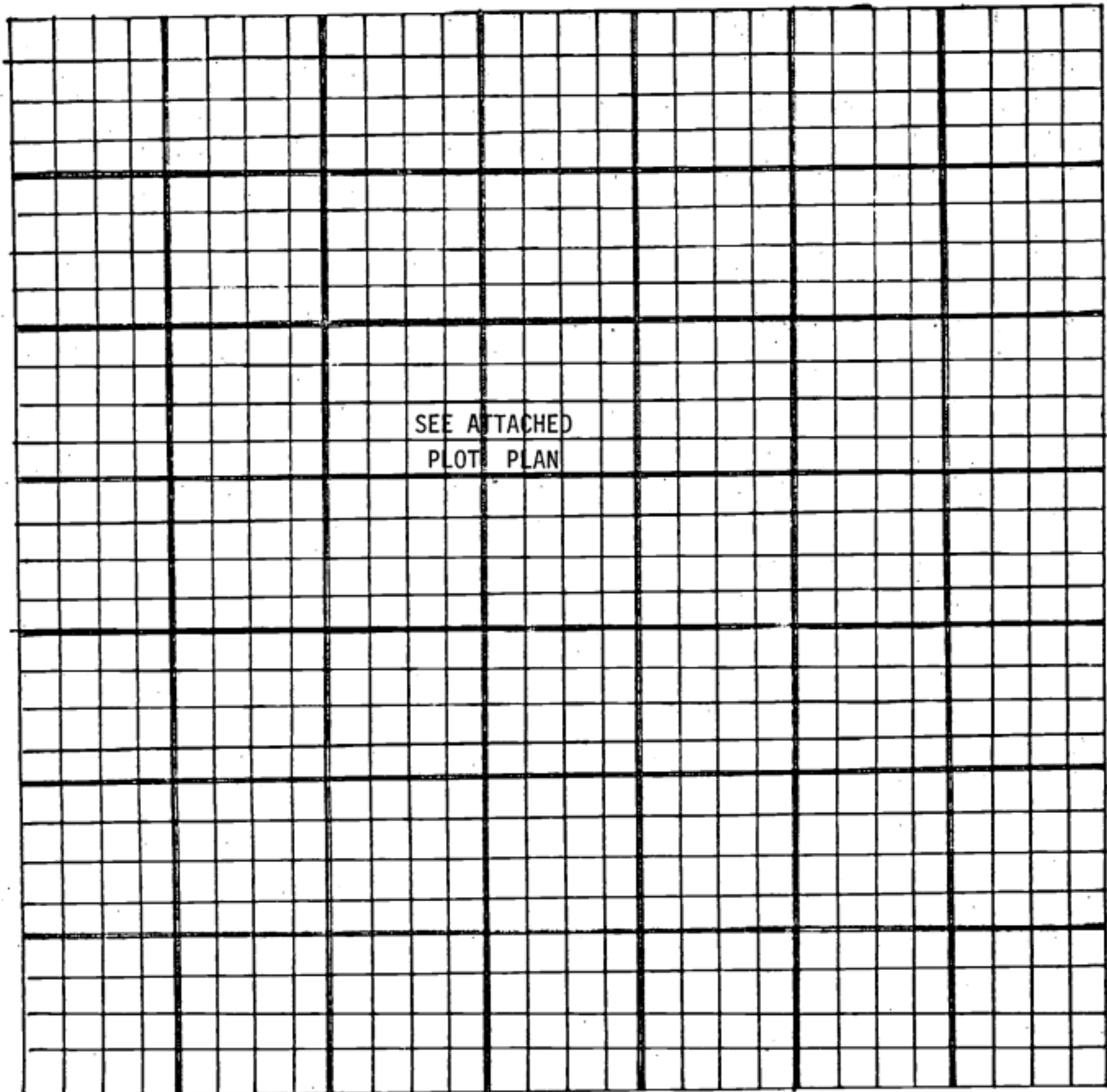


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B-4

Area Site Plot Plan

Locate stack(s) and other emission source(s) on the grid in reference to nearby geographic features, roads, and buildings. Indicate height of stack(s) and other required structures.



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Air Pollution Control Board

Refuse Disposal and Incinerator Information

Company Name United States Shoe Corporation

Refuse Disposal

Off site
 On site _____ Tons (Estimated)
yr

If on site check method

Used for fuel _____ Conical Metal Burner
 Incinerator _____ Open Burning
 Landfill _____ Other (specify) _____

If disposal is by incinerator give Construction Permit No. _____
If no record of a Construction Permit, fill out the following information:
Year installed _____

Operating time for incinerator

_____ hrs/day _____ a.m. to _____ p.m. _____ days/wk _____ wks/yr

Type of waste disposed (use the code listed on back) Type - 0

If seasonal use, indicate months of greatest use _____

If disposal is by incinerator, fill out the following information:

Manufacturer _____ Model _____

Design Capacity _____ lb/hr Effluent Gas Volume _____ scfm

Single chamber _____ Multiple chamber _____ Afterburner

Primary chamber burner _____ Secondary chamber burner

Burner Fuel Used _____ Exit Gas Temperature _____ °F

Stack data (for incinerator)

Plant Site Plot Plan Code _____ Height _____ Diameter _____

Refuse Disposal and Incinerator Information
(Continued)

Classification of Wastes

Type 0 - Trash, a mixture of highly combustible waste such as paper, cardboard, cartons, wood boxes, and combustible floor sweepings, from commercial and industrial activities. The mixtures contain up to 10% by weight of plastic bags, coated paper, laminate paper, treated corrugated cardboard, oily rags and plastic or rubber scraps.

Type 1 - Rubbish, a mixture of combustible waste such as paper, cardboard cartons, wood scrap, foilage and combustible floor sweepings, from domestic, commercial and industrial activities. The mixture contains up to 20% by weight of restaurant or cafeteria waste, but contains little or no treated papers, plastic or rubber wastes.

Type 2 - Refuse, consisting of an approximately even mixture of rubbish and garbage by weight.

Type 3 - Garbage, consisting of animal and vegetable wastes from restaurants, cafeterias, hotels, hospitals, markets and like installations.

Type 4 - Human and animal remains, consisting of carcasses, organs and solid organic wastes from hospitals, laboratories, abattoirs, animal pounds, and similar sources, consisting of up to 85% moisture, 5% incombustible solids and having a heating value of 1,000 BTU per pound as fired.

Type 5 - By-product waste, gaseous, liquid or semi-liquid, such as tar, paints, solvents, sludge, fumes, etc., from industrial operations. BTU values must be determined by the individual materials to be destroyed.

Type 6 - Solid by-product waste, such as rubber, plastics, wood waste, etc., from industrial operations. BTU values must be determined by the individual materials to be destroyed.

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Fuel Combustion Information

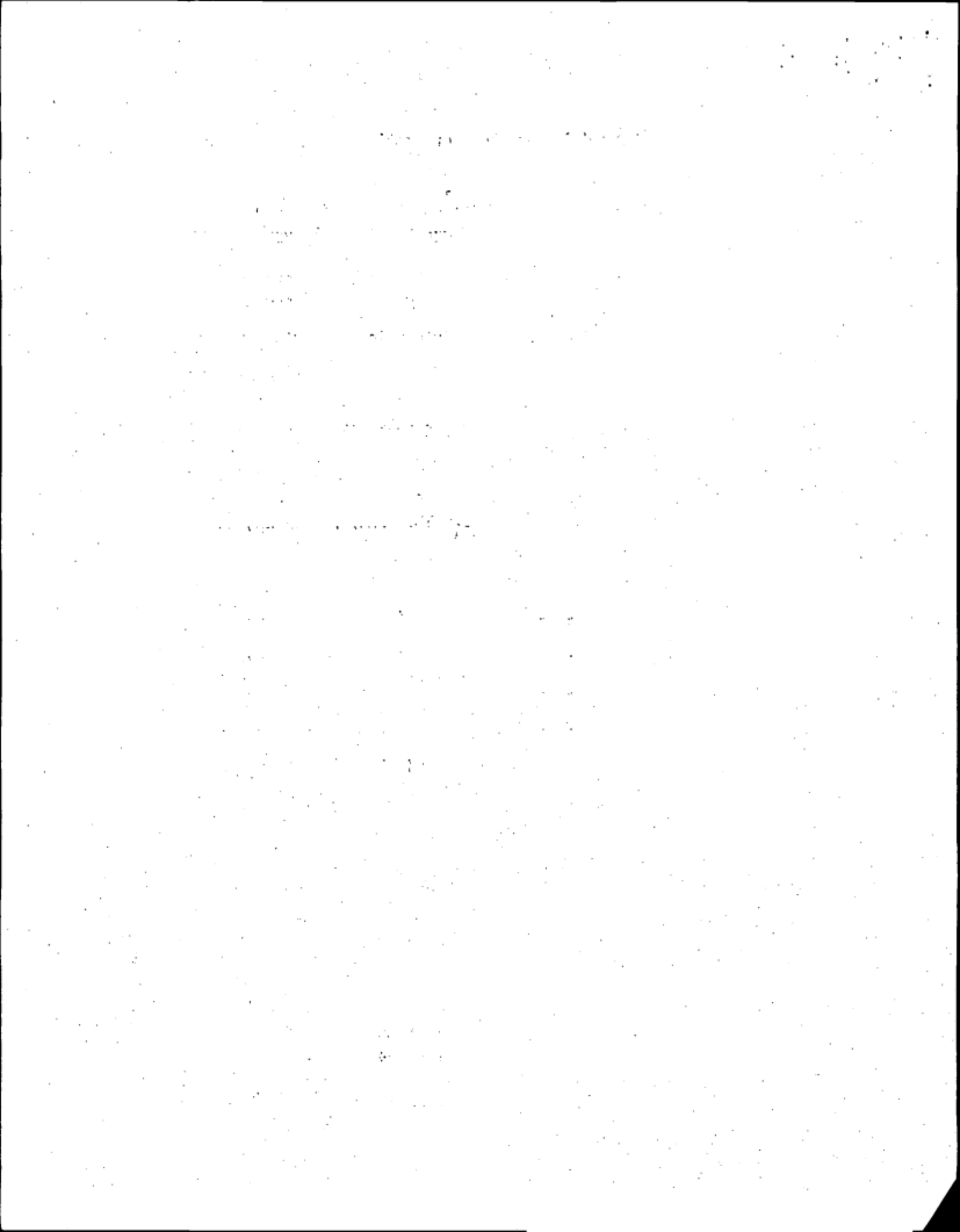
D

Company Name United States Shoe Corporation

If you have no fuel combustion equipment check here _____

	#1 (Standby)	#2 (Primary)	
BOILER DATA	Fitzgibbons	Cleaver Brooks	
Boiler Identification	152-232	CB 167	
Capacity (10 ⁶ BTU/hr. input or hp) (specify units)		350 HP	
Boiler efficiency %	85%	85%	
Method of feed	Automatic	Automatic	
EMISSION CONTROL EQUIPMENT			
Type of Particulate control and % efficiency	N.A.	N.A.	
FUEL			
Type Used	No. 2 Fuel Oil	Natural Gas	
% Ash see instructions	0	0	
% Sulfur see instructions	0	0	
Heating value (specify units)	140,000 BTU/GAL	1000 BTU/MCF	
Amt. burned/ yr (specify units) Use MM for 10 ⁶ cu ft of gas	<i>< 1000 / yr</i>		
% Dec. - Feb. 1981	—	5664.1/MCF	<i>10,000 MCF</i>
% Mar. - May 1981	—	2657.3/MCF	<i>1,000,000 CF</i>
% June - Aug. 1981	—	674.9/MCF	
% Sept. - Nov. 1981	—	1800.0/MCF	
NORMAL OPERATING SCHEDULE			
Hours per day	Minimal	24	
_____ a.m. to _____ p.m.	Use only as standby	—	
Days per week		7	
Weeks per year		24	
% used for space heating	100%	100%	
STACK DATA			
Plant Site Plot Plan Code			
Height (above grade) ft.	24 Ft.	20 Ft.	
Diameter (inside) ft.	24 inches	20 inches	
Gas discharge temperature °F	210 ⁰ F [±]	210 ⁰ F [±]	
Gas flow rate SCF/min	—	14,650/CFH	

None this year did not read 0



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Process Information

Company Name United States Shoe Corporation
 Products produced Shoe Components such as covered wood or plastic
heels, synthetic outsoles, insole strips, box toes,
felt fillers.

Raw Materials: Give generic and trade name for each plus lbs/hr and tons/year processed under normal operation

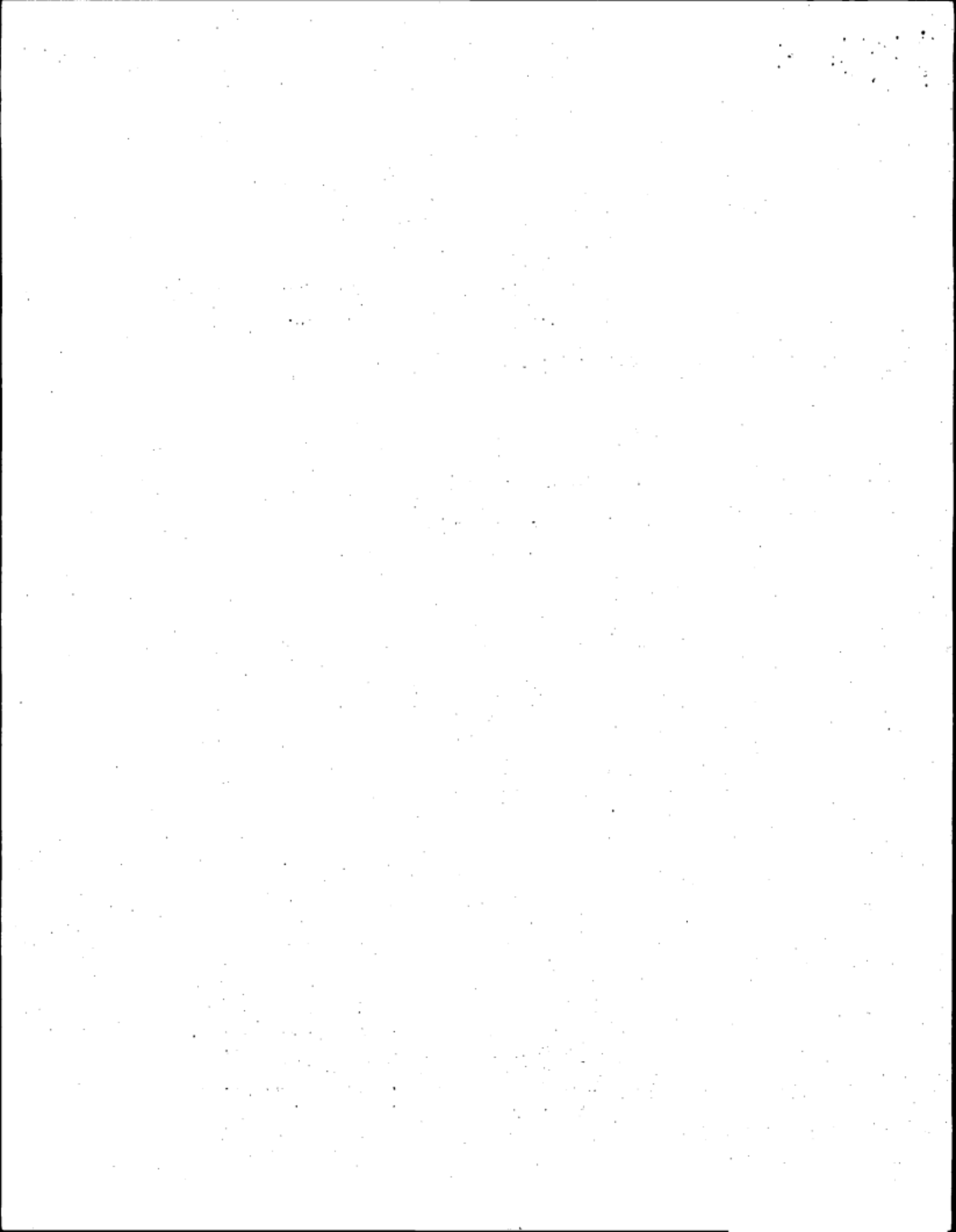
Heel covers - leather or manmade
Heels - wood or cyclac
Insole Board - Manmade
Outsoles - "
Boxtoes - "

Operating schedule
8 hours/day 5 days/week 50 weeks/year

Control Equipment

Type of control	25 HP 4 CYCLONE - OS 85 95% CR est. 90%
Efficiency %	into hoppers
Stack height (feet above ground)	20 - 25 ft. high
Stack Diameter (inches)	10-15T/YR. collected
Exit temperature °F	room temperature
Gas flow rate (scfm)	30,000 CF/min

Finished Product Rate	Heels -	35,000/Day	8,400,000/Year	
	Insole Strips -	5,000/ "	1,200,000/ "	tons/yr
	Outsoles -	40,000/ "	9,600,000/ "	
	Box toes -	35,000/ "	8,400,000/ "	
	Felt Fillers -	38,000/ "	9,120,000/ "	

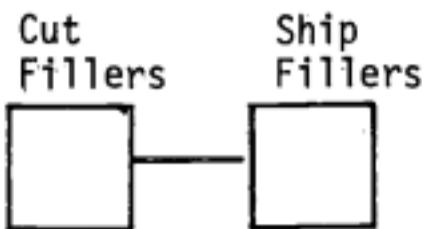
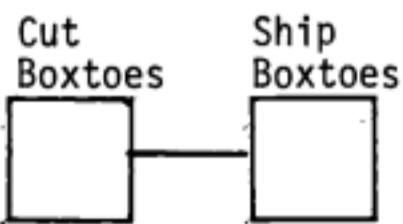
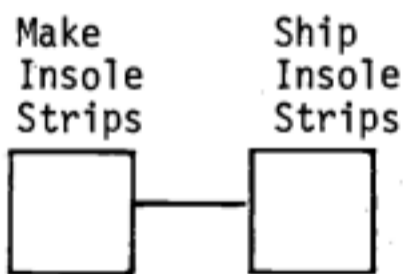
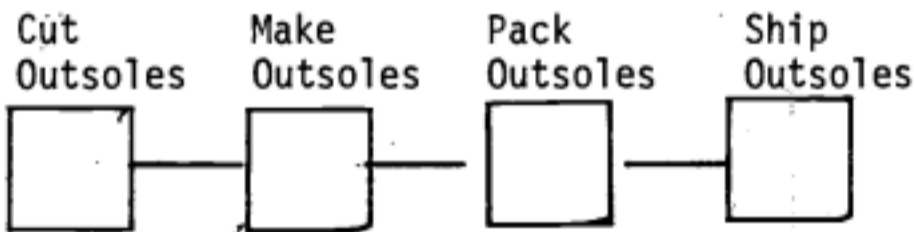
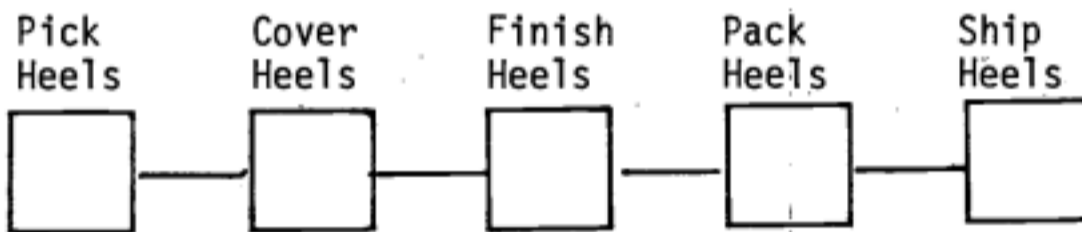


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Company Name United States Shoe Corporation

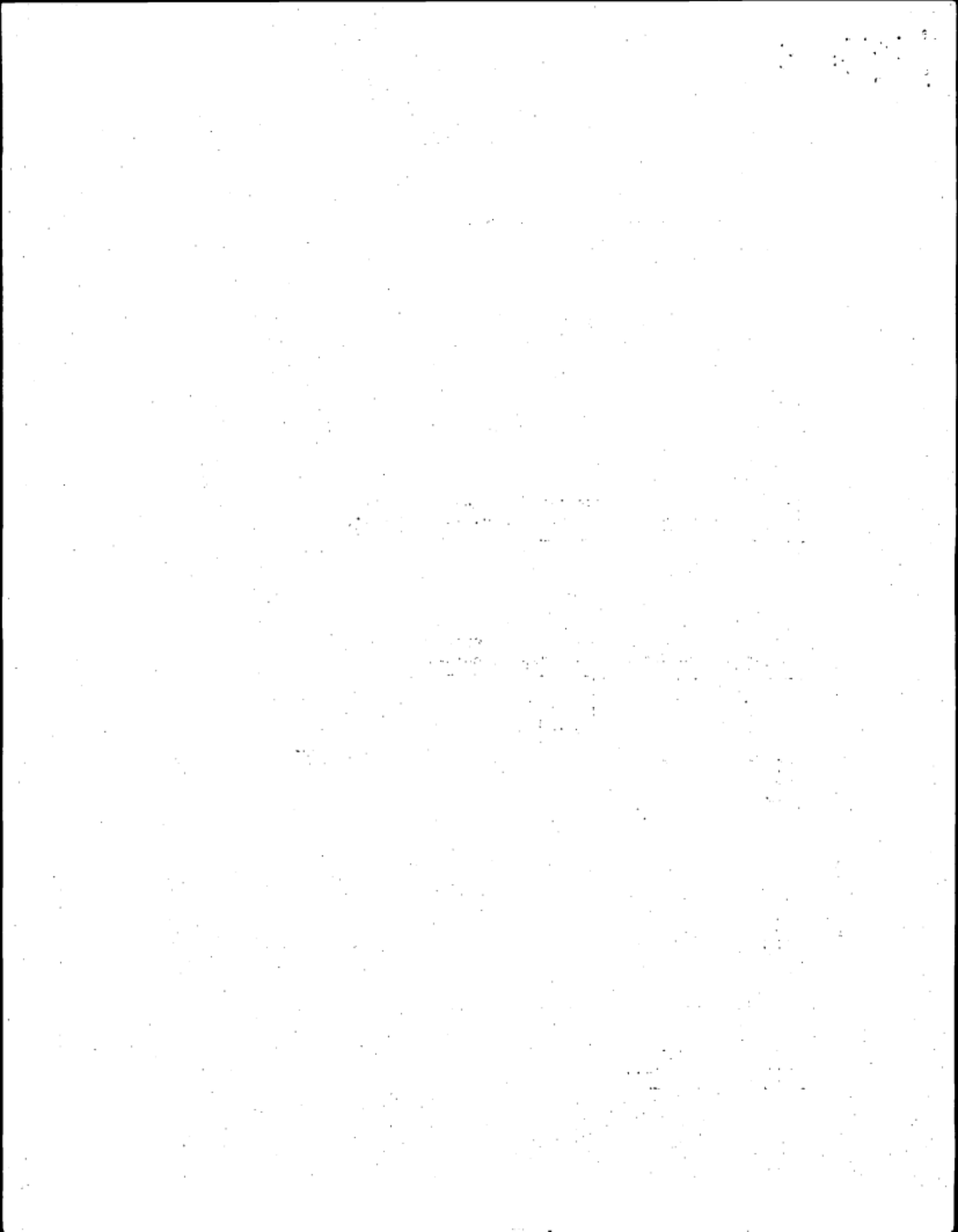
Flow Diagram

Draw a simple block diagram sketch of your operation from raw materials input to the finished products. Show points of emissions including stacks. Show location of any air pollution control equipment, the process it controls, control equipment code, and removal efficiency. Include an hourly rate of material flow throughout the process.



10 spray booths
 applying latex and
 lacquer. baffle cut.
 8 #/gal

latex - 5 gal/day - water based
 lacquer - 1000 gal/yr. 7.9 #/gal



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Outdoor Storage and Handling of Bulk Material

Company Name United States Shoe Corporation

Type of Material Stored None

Amount Stored _____ tons/year (Through put _____ tons/year

Any Protection from Wind? _____ if yes, explain _____

Any Dust-Control Spray System? yes _____ ; no _____ if yes, explain _____

Handling Method

_____	Manual	Rate _____	lb/hr
_____	Conveyor	Rate _____	lb/hr
_____	Pneumatic	Rate _____	lb/hr
_____	Other	Rate _____	lb/hr

Storage Silos or Bins

<u>Material Stored</u>	<u>Capacity (Tons)</u>	<u>How Loaded?</u>	<u>How Often Loaded?</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Control Equipment

Type of Control		
Efficiency %		
Process Controlled		
Stack Height (ft. above ground)		
Stack Diameter (inches)		
Exit Temperature °F		
Gas Flow Rate (scfm)		
Plant Site Plan Plot Code		

