US EPA RECORDS CENTER REGION 5
532219

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ATS Ann Arbor Technical Services, Inc.
6540 Jackson Road • Ann Arbor, Michigan 48103

SITE INSPECTION LOG
April 5, 1988
BURNS COLD FORGE
MINERVA, OHIO
OHD - 004 - 213 - 047
FOHO 624
F05 - 8709 - 067

TEAM LEADER CLIFF FLORCZAK
SITE SAFETY OFFICER DIRK KAISER
STEVE SKINNER SAMPLER
CRAIG ALMANZA TEAM MEMBER

SITE ACTIVITY DESCRIPTION
ARRIVAL - 9:00 am
DEPARTURE 3:00 pm

ONGOING WEATHER CONDITIONS - 70°F Partly cloudy
- sunny

PARTICIPATING PERSONNEL
JOSEPH ARNOLD ANN ARBOR TECHNICAL SERVICES
GARY BLAISMAN BCF
JOHN CULLIN MASCO
JID WILLIAMS - BCF
PAUL J EISELE - MASCO
STEVE KALOUSTIAN

PRINTING BINDERY PRODUCTS CHICAGO

EQUIPMENT

E	ID	CALIBRATION RESULTS
AMIN 1	#192525	reacts to Coleman lantern mantle
U	#337457	56 PPM @ 9.2 SPAN
LOSIMETER	#1255	Alarms at 20% LEL
UMETER	#1255	Alarms at 19.5%
RAPOR PUMP	#192847	Pump Test negative
CN TUBES		
LOT # 'C'		

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SAMPLING EQUIPMENT

STAINLESS STEEL TROWELS, SPOONS, BOWLS
BUCKET AUGER
SHOVEL

PRODUCTS CHICAGO

DOCUMENTATION / CAMERAS

TYPE RICOH 35mm AUTO FOCUS

ID# N/A

FILM TYPE Kodak 35mm 100 ASA

DESCRIPTION OF ALL PLANNED ACTIVITIES:

Perform a visual inspection - conduct an interview with site representatives - collect five soil samples - take photographs and make sketches.

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RESULTS OF SITE SAFETY SCREENING PROCEDURES

USED EQUIPMENT	BACKGROUND READING IN BREATHING ZONE	ON SITE READING IN BREATHING ZONE
HNU #337457	0 PPM	0 PPM
O_2 METER #1255	20%	20%
EXPLOSIMETER #1255	0%	0%
RAD-MINI #192525	9 TONES/min.	10 TONES/MIN
DRAEGER PUMP # 192847 'C'	NO DISCOLORIZATION	NO DISCOLORIZATION

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CONVERSATIONS WITH SITE REPS

Description of site management practices

description of processes
big box stock 3/4" to 4" DIAMETER
feed by conveyor to shake-out tables
shot blast machine - abrasive
shear table - heat # custom #
zinc phosphate coating line oil lubricant
used before pressing centrifuge 125 ton to 2000 ton/in²
6 lbs to 52 lbs each.

WWT SLUDGE - OFF COATING LINE
ZINC PHOSPHATE SOLN - HAZARDOUS CORROSIVE D002
Spent alkaline cleaner - CHEMCLEAR - D002

gross of question
since 1958 the line was automated - the chemical used have been changed by manufacturer but the basic process is the same.

THREE sludges mixed in one - zinc phosphate sludge plus centrifuge sludge (zinc sodium stearate) alkaline clean sludge - non hazardous.
to Erie Way

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Description of Waste
oils, sludges
Feedstocks - D002

physical state alkaline clean sludge - zinc phosphate sludge
For what generation, treatment, storage, disposal occur? generation

waste type: phosphates - zinc

physical state - liquids, sludges solids

quantity - variable

other hazardous substances
zinc phosphate sludge
Alkaline clean sludge

311 - 312, lab wastes
invoices - manifest
alkaline cleaner sludge
MSD

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Storage:

Feedstock
Products - metal forming

Storage / Disposal of Waste

on site ? < 90 days
offsite ? to landfill

- liner impoundments, drums
nitric or outside storage
- concrete pads
- depth of cover
leachate collection systems
surface water diversion systems

no

treatment - no analysis of waste
in old pit
Analysis of waste - given

Hazardous substance spills on site ?
no

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Info on Past Operations

NAMES + ADDRESSES
independent in 1958 - Burns Cold Forge
1972 acquired by Mosco Corp
1984 or 1985 - spun off into
Mosco Industries

sister organization
two separate companies

Processes, years of operation, waste
handling, disposal, spills . . .
RR round house in 1910-1930
bought from RR went private

Areas of operations on site
one pit 25 to 30 - three foot deep
hydraulic oil - natural drainage

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~40 acres
one big building 220,000 ft²
163 workers

wells on site 0
drilling, monitoring, production

site fencing check.
locked gates yes
24 hour guards yes
surveillance yes - Pinkerton

site sketch see sketch

permit information given

MSDS sheets - given

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OWNER INFO

Current Owner: incl address,
D+B# + SIC code if applicable
119-269-8273 3462
MASCO TRD see card

Parent Co. MASCO IND
same

Previous Owner - MASCO CORP
same as

Realty Owner N/A

Operator Info - If different from owner

NYSE NASDAQ publicly held.

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Generator / Transporter Info

On site Generator
only see manifests

Off site generator - no

Transporter to be provided
see manifests

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Pat response activities and
Enforcement Information
none

PHOTOGRAPHS

Film #	DIRECTION	LOCATION/SUBJECT	TIME
1,2	N	S1	930
3,4	N	S2	1200
5,6	N	S3	1230
7,8	N	S4	1300
9,10	N	S5	1330
11 → 14	general site photos		

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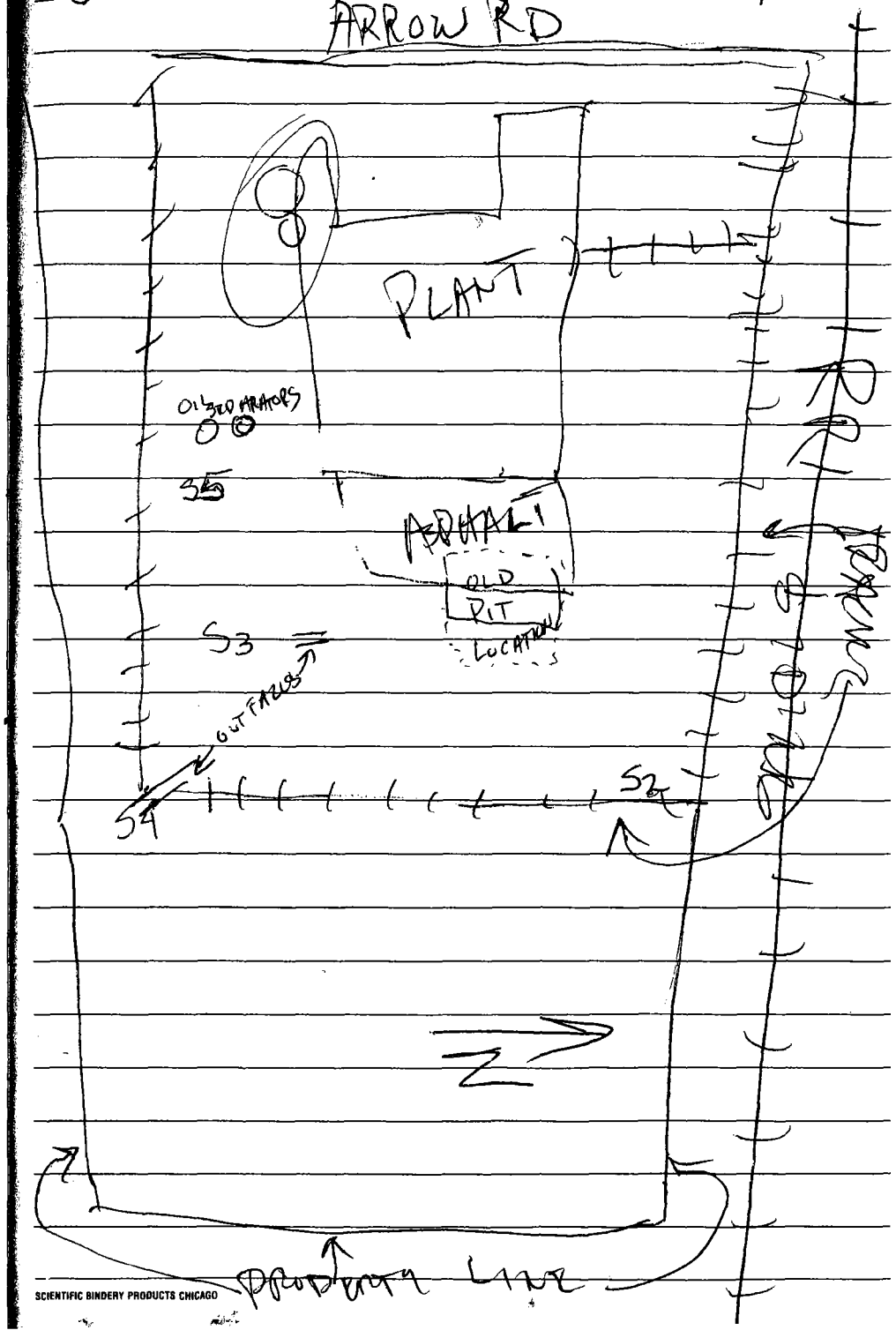
Observations, Comments, site sketch



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Were samples split? (YES)

If so, with whom

ANN ARBOR TECHNICAL

verbal permission -

written confirmation

Depths of Samples

S_1	-	6"
S_2		3'
S_3		4'
S_4		6"
S_5		4'

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OTR / ITR reports

attach here

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Decontamination

types of solutions: alconox work solution

Procedures for personnel: deconed with alconox solution rinsed with distilled water

procedures for equipment: deconed with alconox solution rinsed with distilled water - disposed of off site.

Tricholoethane

gas tank

drum storage

labeling of waste

sprockets

shot clean up

spills

placing aisles

machine shop guarding

filter press sludge - 90 days

observations in plant

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Background sample taken at
Monroe Bicentennial Park
< ½ mile North of site

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