



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604**

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
Soudan Metals Co. Inc., Chicago, Illinois

FROM: Victoria Nelson, Environmental Engineer
AECAB (MI/WI)

THRU: Sarah Marshall, Section Supervisor
AECAB (MI/WI)

TO: File

BASIC INFORMATION

Facility Name: Soudan Metals Co. Inc. (Soudan)

Facility Location: 319 W 40th Place, Chicago, Illinois

Date of Inspection: August 11, 2022

EPA Inspectors:

1. Victoria Nelson, Environmental Engineer
2. Karina Kuc, Environmental Engineer

Other Attendees:

1. Tom Soudan Sr., Soudan, President
2. Derek Wasilewski, Soudan, Maintenance Operator

Contact Email Address: Tom Soudan Sr. - Tls@soudanmetals.com

Purpose of Inspection: To evaluate compliance with the Clean Air Act

Facility Type: Metal fabrication

Regulations Central to Inspection: Illinois State Implementation Plan

Arrival Time: 8:50 AM Central Time

Departure Time: 9:30 AM Central Time

Inspection Type:

- ☒ Unannounced Inspection
- ☐ Announced Inspection

OPENING CONFERENCE

- ☒ Presented Credentials
- ☒ Stated authority and purpose of inspection
- ☒ Provided Small Business Resource Information Sheet following the inspection.
- ☒ Provided CBI warning to facility

The following information was obtained verbally from Tom Soudan Sr. unless otherwise noted.

Process Description:

Soudan stamps, shears, slits, and levels excess, off-spec. metal from Cleveland-Cliffs, US Steel, and Nucor Steel. Metal comes to the facility in coils with thickness up to one-quarter inch. Soudan operates six shearing machines, two die cutting machines, one slitter, and a press/forming machine. The facility also makes pallets out from scrap wood for use on-site. Two dust collectors are used to capture sawdust.

Staff Interview: The facility has been in operation under Soudan since 1992. Soudan has 35 employees and operates two shifts Monday through Friday. Incoming steel is cleaned using mineral spirits. They use 200-300 gallons of mineral spirits each year.

TOUR INFORMATION

EPA Tour of the Facility: Yes

Data Collected and Observations:

EPA observed the metal processing operations, including the heavy gauge leveling line and shearing machines in operation.

Photos and/or Videos: were taken during the inspection.

See Appendix A for a list of photos taken during the inspection.

Field Measurements: were not taken during this inspection.

CLOSING CONFERENCE

- ☒ Provided U.S. EPA point of contact to the facility

Requested documents:

- Metal content of the metal coils processed

Concerns: The facility does not appear to have a permit from the City of Chicago or Illinois.

Compliance Assistance: EPA recommended that Soudan contact the state about the applicable permit requirements.

DIGITAL SIGNATURES

Report Author: **VICTORIA NELSON**  Digitally signed by
VICTORIA NELSON
Date: 2022.10.07
10:36:59 -05'00'

Section Supervisor: **SARAH MARSHALL**  Digitally signed by
SARAH MARSHALL
Date: 2022.10.07
10:59:29 -05'00'

Facility Name: Soudan Metals Co. Inc.
Facility Location: 319 W 40th Place, Chicago, Illinois
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APPENDICES AND ATTACHMENTS

- 1.* Appendix A: Digital Image Log

Facility Name: Soudan Metals Co. Inc.
Facility Location: 319 W 40th Place, Chicago, Illinois
Date of Inspection: August 11, 2022

APPENDIX A: DIGITAL IMAGE LOG

1. Inspector Name: Karina Kuc	2. Archival Record Location: Region 5 Electronic Records Center
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Image Number	File Name	Date and Time (Central Time)*	Description of Image
1	P8110001.JPG	2022:08:11 9:17:17	Heavy gauge leveling line
2	P8110002.JPG	2022:08:11 9:18:24	Coil slitting operation
3	P8110003.JPG	2022:08:11 9:19:31	Press with notch cutting
4	P8110004.JPG	2022:08:11 9:20:29	Mechanical shear

*Note: Time stamps were originally recorded in Eastern time. The times given here are adjusted to local time.