

2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

Location Information

DEFINITION OF ESTABLISHMENT

The reporting unit for this questionnaire is an **establishment**. An establishment is generally a single physical location where business is conducted or where services or industrial operations are performed.

PHYSICAL ADDRESS

Please update the location's physical address if needed.

Name 1		
<input type="text"/>		
Store/Plant		
<input type="text"/>		
Name 2		
<input type="text"/>		
Number and Street		
<input type="text"/>		
City, town, village, etc.	State	ZIP Code
<input type="text"/>	Select State or Territory <input type="button" value="v"/>	99999-9999

For Census Bureau Use Only

CFN	<input type="text"/>
<input type="text"/>	<input type="text"/>

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Legal Boundary and Municipality

EIN:
Store / Plant:
CFN:

LEGAL BOUNDARY AND MUNICIPALITY

Is this establishment physically located inside the legal boundaries of the city, town, village, etc.?

- Yes
- No
- No legal boundaries
- Do not know

In what type of municipality is this establishment physically located?

- City, village, or borough
- Town or township
- Other
- Do not know

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Item 1: Employer Identification Number

EIN:
Store / Plant:
CFN:

ITEM 1: EMPLOYER IDENTIFICATION NUMBER

Is the Employer Identification Number (EIN) used on this establishment's latest 2017 Internal Revenue Service Form 941, Employer's Federal Quarterly Tax Return?

- Yes
- No

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Item 1: Employer Identification Number - Enter/Update EIN

EIN:
Store / Plant:
CFN:

ITEM 1: EMPLOYER IDENTIFICATION NUMBER

What is this establishment's 9-digit Employer Identification Number (EIN) used on its latest 2017 Internal Revenue Service Form 941, Employer's Federal Quarterly Tax Return?

EIN
99-9999999

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Item 3: Operational Status

EIN:
Store / Plant:
CFN:

ITEM 3: OPERATIONAL STATUS

Which of the following best describes this establishment's operational status at the end of 2017?

- In operation
- Under construction, development, or exploration
- Temporarily or seasonally inactive
- Ceased operation
- Sold or leased to another operator

CEASED OPERATION OR SOLD OR LEASED INFORMATION

If this establishment ceased operation or was sold or leased to another operator, what was the date?

MMDYYYY

MMDYYYY

If this establishment was sold or leased to another operator, what is the name, address, and 9-digit Employer Identification Number (EIN) of this establishment's new owner or operator?

Name of new owner/operator

Mailing Address (Number and Street, P.O. Box, etc.)

City, town, village, etc.

State

Select State or Territory

ZIP Code

99999-9999

EIN

99-9999999

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Item 4: Months in Operation

EIN:
Store / Plant:
CFN:

ITEM 4: MONTHS IN OPERATION

What was the number of months in operation during 2017?

Check
if
None

2017

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General Reporting Guidelines

EIN:
Store / Plant:
CFN:

GENERAL REPORTING GUIDELINES

Reporting Period

Responses should cover calendar year 2017.

- If your fiscal year covers at least 10 months of calendar year 2017, you may report by fiscal year on all items EXCEPT payroll.
- Calendar year figures for payroll may be available from:
 - IRS Form 941 (Employer's Quarterly Federal Tax Return)
 - IRS Form 944 (Employer's Annual Federal Tax Return)
- If you report by fiscal year, indicate the exact dates of the fiscal year on the submission certification screen.

Providing Estimates

If book figures are not available, estimates are acceptable.

How to Report Dollar Figures:

Dollar figures should be rounded to thousands of dollars.

EXAMPLE - if a dollar figure is \$2,036,355.25, report 2036:

Check if None

2017
\$ 2036 ,000.00

EXAMPLE - if a dollar figure is "0" (or less than \$500.00), check the None box:

Check if None

2017
\$,000.00

How to Report Percents:

Percents should be rounded to whole percents.

EXAMPLE - if figure is 38.76% of total sales, report 39:

2017
39 %

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Item 5: Sales, Shipments, Receipts, or Revenue Additional Information

EIN:
Store / Plant:
CFN:

ITEM 5: SALES, SHIPMENTS, RECEIPTS, OR REVENUE

A. What was the total value of products shipped and other receipts for this establishment?
(Report detail in Item 22.)

Include:

- All products physically shipped from this establishment during 2017

Exclude:

- Freight charges
Excise taxes

Check if None

checkbox

2017
\$ [] ,000.00

B. What was the value of products shipped for export?
(This is a breakout of the \$,000.00 reported in Item 5, line A.)

Include:

- Products sold to the U.S. government to be shipped to foreign governments under military and economic assistance programs
Products shipped to exporters or other wholesalers for export
Products shipped to foreign subsidiaries or foreign divisions of your company and their affiliates

Exclude:

- Products shipped for further manufacture, assembly, or fabrication in the United States
Freight charges
Excise taxes
Overseas sales to the U.S. government
Shipments of bunker fuels and other supplies and equipment for U.S. vessels and planes engaged in foreign trade

checkbox

\$ [] ,000.00

C. What was the market value of products shipped to other domestic plants of your company for further assembly, fabrication, or manufacture?
(This is a breakout of the \$,000.00 reported in Item 5, line A.)

Include:

- A reasonable portion of other costs (company overhead)
A reasonable portion of profits

Exclude:

- Products that are shipped to or on order from your company's sales or wholesale offices and sold to customers outside your company

checkbox

\$ [] ,000.00

D. What percent of the \$,000.00 reported in Item 5, line A was for goods that were ordered or whose movement was controlled or coordinated over electronic networks?
(Report whole percent.)

E-shippments are online orders accepted for manufactured products from customers. These include shipments to other domestic plants of your own company for further manufacture, assembly, or fabrication. The price and terms of sale for these shipments are negotiated over an online system. Payment may or may not be made online.

Include:

- Electronic Data Interchange (EDI)
E-mail
Internet
Extranet
Other online systems

checkbox

[] %

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Item 7: Employment and Payroll Additional Information

EIN:
Store / Plant:
CFN:

ITEM 7: EMPLOYMENT AND PAYROLL

Include:

- Full- and part-time employees working at this establishment whose payroll was reported on Internal Revenue Service Form 941, Employer's Quarterly Federal Tax Return, and filed under the Employer Identification Number (EIN)
All persons on paid sick leave, paid holidays, and paid vacation during the year at this establishment

Exclude:

- Full- or part-time leased employees whose payroll was filed under an employee leasing company's EIN (Report values in Item 16, line D1.)
Temporary staffing obtained from a staffing service (Report values in Item 16, line D1.)
Purchased professional and technical services (Report values in Item 16, line D9.)
Subcontractors and their employees (Report cost of contract work in Item 16, line A3.)
Fishermen, agricultural employees, members of the Armed Forces, and pensioners carried on your active rolls

A. What was the number of production workers at this establishment (direct labor including first-line supervisors) for the pay period including:

Include:

- Workers engaged in fabricating, processing, assembling, inspecting, receiving, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other closely associated services (including truck drivers delivering ready-mixed concrete)

Table with 3 columns: Question, Check if None, 2017 Number. Rows include quarterly production worker counts and average annual production workers.

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C. What was the number of all other (non production) employees at this establishment for the first quarter (January - March 2017)?

Include:

- Officers at this establishment, if a corporation
Supervision above line-supervisor level
Sales employees, including delivery (truck driver and helpers)
Advertising, clerical, credit, collection, purchasing, finance, legal, executive, and technical employees
Employees installing and servicing this establishment's products

Exclude:

- Proprietors and partners, if an unincorporated concern
Temporary staff and leased employees (Report values in Item 16, line D1.)

Input field with checkbox

TOTAL (Add lines B and C.)

Input field with checkbox

D. HOURS WORKED:

What was the annual number of hours worked by the production workers at this establishment (direct labor including first-line supervisors) reported in line B?

Exclude:

- Hours paid for vacations, holidays, or sick leave unless an employee elects to work during their vacation period. Report only actual hours worked by such employee. Overtime hours should be reported as actual hours worked and not as straight-time equivalent hours.

2017 Hours input field with checkbox and ,000

E. PAYROLL

What was the annual payroll at this establishment before deductions for:

Exclude:

- Employer-paid annual cost for fringe benefits reported in lines F1 through F3

1. Production workers reported in line B?

2017 \$ input field with checkbox and ,000.00

2. All other employees reported in line C?

\$ input field with checkbox and ,000.00

TOTAL (Add lines E1 and E2.)

\$ input field with checkbox and ,000.00

What was the first quarter payroll at this establishment before deductions (January - March 2017)?

\$ input field with checkbox and ,000.00

F. EMPLOYER-PAID ANNUAL COST FOR FRINGE BENEFITS

(This is the employer's annual cost at this establishment for legally required programs and programs not required by law. If any of the items here are maintained in your records only at the company level, allocate their costs to the manufacturing establishment. You may distribute the total on the basis of the ratio of the payroll of each manufacturing establishment to the total company payroll unless you have developed your own method of making such allocations. Specify the method used and the approximate portion that has been allocated in the Item 31: REMARKS section at the end of the instrument.)

Include:

- Premium equivalents for self-insured plans and fees paid to third-party administrators (TPAs)
Spread on stock options that are taxable to employees at this establishment as wages

Exclude:

- Employee contributions
Disbursements from trusts or funds to satisfy health insurance claims

What were the employer's annual costs at this establishment for:

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1. **Health Insurance?** - Insurance premiums on hospitals, medical plans, and single-service plans such as dental, vision, and prescription drug plans \$,000.00

2. Retirement Plans?

a. **Defined benefit pension plans (qualified and nonqualified)** - Plans that specify the benefit to be paid to employees upon retirement, generally either a specific amount or a percentage of compensation. Employer contributions are based on actuarial computations that include employee's compensation and years of service and are not allocated to specific accounts maintained for employees. \$,000.00

b. **Defined contribution plans** - Plans that define the employer contributions to a separate account provided for each employee. The employee "benefit" at retirement depends on the amount contributed and the results of the account's activity.

Examples:

- Profit sharing plans
- Money purchases (e.g., 401k, 403b)
- Stock bonus plans (e.g., ESOPs)

\$,000.00

3. Payroll taxes, employer-paid insurance premiums, and other employer-paid benefits?

Include:

- Legally-required fringe benefits (e.g., Social Security, workers compensation insurance, state disability insurance programs, long- and short- term disability, unemployment tax, and Medicare)
- Life insurance benefits
- "Quality of life" benefits (e.g., childcare assistance, adoption assistance, subsidized commuting, long-term care insurance, flexible workplace, employer-provided home PC, etc.)
- Employer contributions to pre-tax benefit accounts (e.g., health savings account)
- Education assistance
- Stock options
- Other benefits not specified above (e.g., job-related travel accident insurance, education assistance, wellness programs, fitness centers, employee assistance programs, etc.)

Exclude:

- Disbursements from trusts or funds to satisfy health insurance claims

\$,000.00

4. **TOTAL** (Add lines F1 through F3.) \$,000.00

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Item 9: Value of Inventories Additional Information

EIN:
Store / Plant:
CFN:

ITEM 9: VALUE OF INVENTORIES

Report inventories at cost or market using generally accepted accounting practices, and report all inventories owned by this establishment regardless of where the inventories are held. If this establishment is part of a multiple-establishment company, assign to each establishment those inventories that the establishment is responsible for as if it owned them.

What was the value of inventories **owned by this establishment** as of December 31 before Last-In, First-Out (LIFO) adjustment (if any) for:

	Check if None	2017	Check if None	2016
A. Finished goods (final output of this establishment but still within ownership)?	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00
B. Work-in-process (goods that have been substantially transformed in the manufacturing process, but are not yet the final output of the establishment)?	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00
C. Materials, supplies, fuels, etc. (goods that are raw inputs to the manufacturing process and will be substantially altered to produce this establishment's output)?	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00
TOTAL (Add lines A through C.)	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00

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Item 10: Inventories by Valuation Method Additional Information

EIN:
Store / Plant:
CFN:

ITEM 10: INVENTORIES BY VALUATION METHOD

Of the \$,000.00 reported in **Item 9** as the total value of inventories **owned by this establishment** as of December 31, 2017 and the \$,000.00 reported in **Item 9** as the total value of inventories **owned by this establishment** as of December 31, 2016, how much is subject to the following valuation methods:

A. Non-LIFO (Last-In, First-Out) valuation methods

	Check if None	2017	Check if None	2016
1. First-In, First-Out (FIFO)?	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00
2. Average Cost?	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00
3. Standard Cost?	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00
4. Other non-LIFO valuation method(s)?	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00
<input type="text" value="Describe"/>				
TOTAL (Add lines A1 through A4.)	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00
B. LIFO Valuation Method (gross LIFO amount)?	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00
TOTAL Non-LIFO and LIFO methods (Add TOTAL of lines A1 through A4 and B.)	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00
C. What is the amount of LIFO reserve (if any)? (If the value of reserve is negative, use "-".)	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00

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Item 11: Inventories Outside of the United States

EIN:
Store / Plant:
CFN:

ITEM 11: INVENTORIES OUTSIDE OF THE UNITED STATES

Of the \$,000.00 reported in **Item 9** as the total value of inventories owned by this establishment as of December 31, 2017, and the \$,000.00 reported in **Item 9** as the total value of inventories owned by this establishment as of December 31, 2016, what was the value of inventories stored or en route OUTSIDE the 50 U.S. states and the District of Columbia?

Exclude:

- Inventory held in Foreign Trade Zones or in bonded warehouses in the U.S

For more detailed definitions, please see:
<http://enforcement.trade.gov/ftzpage/info/ftzstart.html>

Check if None	2017	Check if None	2016
<input type="checkbox"/>	\$ <input style="width: 100px;" type="text"/> ,000.00	<input type="checkbox"/>	\$ <input style="width: 100px;" type="text"/> ,000.00

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Item 13: Assets, Capital Expenditures, and Retirements Additional Information

EIN:
Store / Plant:
CFN:

ITEM 13: ASSETS, CAPITAL EXPENDITURES, AND RETIREMENTS

Include:

- Dollar value of assets, capital expenditures, and retirements
Buildings, structures, and equipment used directly or indirectly by this establishment to produce the goods and services reported in Item 5, line A and Item 22

Form with input fields and checkboxes for:
A. What was the gross value of depreciable assets (acquisition costs) at the beginning of the year?
B. What were the capital expenditures for new and used depreciable assets in 2017 for:
1. New and used buildings and other structures?
2. New and used machinery and equipment?
a. Automobiles, trucks, etc. for highway use?
b. Computers and peripheral data processing equipment?
c. All other expenditures for machinery and equipment?
TOTAL (Add lines B1 and B2a through B2c.)
C. What was the gross value of depreciable assets sold, retired, scrapped, destroyed, etc.?
D. What was the value of depreciable assets at the end of the year? (Add lines A, B1, B2a through B2c and subtract line C.)

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Item 14: Rental Payments Additional Information

EIN:
Store / Plant:
CFN:

ITEM 14: RENTAL PAYMENTS

Include:

- Operating leases

Exclude:

- Capital leases (leases with a contract to own at the end of the lease)

At this establishment, what were the payments for:

A. Rental or lease of buildings and other structures?

Include:

- Job-site trailers
- Land on which the buildings and other structures stand

Check if None

2017
\$,000.00

B. Rental or lease of machinery and equipment?

Include:

- Production, loading, and transportation machinery and equipment
- Construction equipment
- Tools
- Office equipment
- Furniture
- Vehicles

Exclude:

- Computer time-sharing charges for machinery and equipment rentals from computer service companies where the computer is not on site at the establishment

\$,000.00

TOTAL (Add lines A and B.)

\$,000.00

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Item 16: Selected Expenses Additional Information

EIN:
 Store / Plant:
 CFN:

ITEM 16: SELECTED EXPENSES

A. For this establishment, what were the production-related costs in 2017 for:

1. Materials, parts, containers, packaging, supplies, etc. used for manufacturing processes, repairs, services for others, or other operating supplies? *(Report detail in Item 18.)*

Include:

- Cost of production-related materials purchased by this establishment for other companies (contractors).

Exclude:

- Non-production-related expenses that were paid to other companies (contractors) by this establishment. *(Report these expenses on the next screen in Item 16, line D.)*

Check if None <input type="checkbox"/>	2017
	\$ <input type="text"/> ,000.00

2. Products bought and sold without further processing? *(Report sales in Item 5, line A and in Wholesaling Services product codes in Item 22.)*

<input type="checkbox"/>	\$ <input type="text"/> ,000.00
--------------------------	---------------------------------

3. Work done for you by others on your materials (work contracted to others)? *(Report on line A1 the cost of production-related materials purchased by this establishment for other companies (contractors).)*

<input type="checkbox"/>	\$ <input type="text"/> ,000.00
--------------------------	---------------------------------

4. Purchased fuels consumed for heat, power, or the generation of electricity? *(Report on line B2 the quantity of electricity generated (Gross less generating station use).)*

<input type="checkbox"/>	\$ <input type="text"/> ,000.00
--------------------------	---------------------------------

5. Purchased electricity? *(Report comparable quantity on line B1.)*

<input type="checkbox"/>	\$ <input type="text"/> ,000.00
--------------------------	---------------------------------

TOTAL (Add lines A1 through A5.)

<input type="checkbox"/>	\$ <input type="text"/> ,000.00
--------------------------	---------------------------------

B. For this establishment, what was the quantity of:

1. Purchased electricity? *(Quantity comparable to cost reported in line A5)*

<input type="checkbox"/>	2017 Kilowatt Hours
	<input type="text"/> ,000

2. Generated electricity (gross less generating station use)? *(Quantity comparable to cost reported in line A4)*

<input type="checkbox"/>	<input type="text"/> ,000
--------------------------	---------------------------

3. Electricity sold or transferred to other establishments? *(Also include quantity on lines B1 and/or B2.)*

<input type="checkbox"/>	<input type="text"/> ,000
--------------------------	---------------------------

C. For this establishment, what were the depreciation/amortization charges for the current year obtained from your income statement? *(Include depreciation on all assets reported in Item 13.)*

<input type="checkbox"/>	2017
	\$ <input type="text"/> ,000.00

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Item 16: Selected Expenses - Continued

EIN:
Store / Plant:
CFN:

ITEM 16: SELECTED EXPENSES

D. What were the other operating expenses paid by this establishment in 2017 for:

Include:

- Expenses normally considered as non-production-related costs purchased from other companies

1. Temporary staff and leased employees? (Professional Employer Organizations and staffing agencies for personnel)

Include:

- All charges for payroll, benefits, and services

Check if None

Input checkbox

2017

\$

Input field for amount

,000.00

2. Expensed equipment? (Expensed computer hardware and other equipment)

Include:

- Copiers
Fax machines
Telephones
Shop and lab equipment
CPUs
Monitors

Exclude:

- Packaged software (Report on line D3.)
Leased and rented equipment (Report in Item 14, line B.)

Input checkbox

\$

Input field for amount

,000.00

3. Expensed purchases of software? (Purchases of prepackaged, custom-coded or vendor-customized software)

Include:

- Software developed or customized by others
Web-design services and purchases
Licensing agreements
Upgrades of software
Maintenance fees related to software upgrades and alterations

Input checkbox

\$

Input field for amount

,000.00

4. Purchased communication services?

Include:

- Telephone, cellular, and fax services
Computer-related communications (e.g., Internet, connectivity, online)
Other wired and wireless communication services
Credit card transaction fees

Input checkbox

\$

Input field for amount

,000.00

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5. Data processing and other purchased computer services?

Include:

- Computer facilities management services
- Computer input preparation
- Data storage
- Computer time rental
- Optical scanning services
- Other computer-related advice and services, including training

Exclude:

- Services provided by other establishments of this company (such as a separate central data processing unit)
- Expensed integrated systems (Report in line D4.)
- Repair and maintenance of computer equipment (Report on line D6.)
- Payroll processing and credit card transaction fees (Report payroll processing fees on line D9 and credit card transaction fees on line D4.)
- Expenses for telecommunication services (e.g., Internet, connectivity, telephone) (Report on line D4.)

\$,000.00

6. Purchased repairs and maintenance to buildings and/or machinery and equipment?

Include:

- Repairs for painting, roof repairs, replacing parts, over-hauling of equipment, and other repairs chargeable as current operating costs
- Cost of repair and maintenance of any leased property if this establishment assumes the cost

Exclude:

- Extensive "repairs" or reconstruction that is capitalized. Report these as a capital expenditure in Item 13.
- Costs of materials, parts, and supplies directly incurred by this establishment using its own work force to perform repairs and maintenance

\$,000.00

7. Water, sewer, refuse removal, and other non-electric utility payments?

(Report electric utility payments on line A5. If the costs of these utilities are included in a lease or rental payment, report in Item 14, line A.)

Include:

- Cost of hazardous waste removal or treatment

Exclude:

- Cost of refuse removal services if included in rental payments
- Machinery or equipment reported as a capital expenditure in Item 13
- Cost of salaries paid to employees of this establishment whose work involves refuse removal and/or hazardous waste removal or treatment

\$,000.00

8. Purchased advertising and promotional services?

Include:

- Marketing and public relations services

Exclude:

- Salaries paid to employees of this establishment for advertising work

\$,000.00

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9. Purchased professional and technical services?

Include:

- Management consulting
- Accounting
- Auditing
- Bookkeeping
- Legal
- Actuarial
- Payroll processing
- Architectural
- Engineering
- Other professional services (i.e. janitorial, security, or landscape services)

Exclude:

- Salaries paid to your own employees for these services (*Report in Item 7.*)

 ,000.00

10. Governmental taxes and licensing fees? (Payments to government agencies for taxes and licenses)

Include:

- Business and property taxes

Exclude:

- Income taxes

 ,000.00

11. All other operating expenses not reported elsewhere?

Exclude:

- Purchases of merchandise for resale
- Non-operating expenses

 ,000.00

Describe

TOTAL (Add lines 1 through 11.)

 ,000.00

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Item 17A: Principal Business or Activity

EIN:
Store / Plant:
CFN:

ITEM 17A: PRINCIPAL BUSINESS OR ACTIVITY

Which ONE of the following best describes this establishment's principal kind of business or activity in 2017?
If none of the provided selections seem appropriate, provide a specific description of the primary business activity.
Select only ONE.

- 331110 001 Iron and Steel Mills and Ferroalloy Manufacturing
- 331210 001 Iron and Steel Pipe and Tube Manufacturing from Purchased Steel
- 331221 001 Rolled Steel Shape Manufacturing
- 331222 001 Steel Wire Drawing
- 331524 001 Aluminum Foundries (except Die-Casting)
- 332111 001 Iron and Steel Forging
- 332312 001 Fabricated Structural Metal Manufacturing
- 332323 001 Ornamental and Architectural Metal Work Manufacturing
- 332710 001 Machine Shops
- 773000 001 Other principal business or activity - Describe

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Do Not Mail - Report Online

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Item 17B: Type of Operation

EIN:
Store / Plant:
CFN:

ITEM 17B: TYPE OF OPERATION

Which ONE of the following best describes the operation performed at this establishment during 2017?

- 481 Coke oven establishment (not integrated with a steel mill)
- 383 Steel mill (products primarily manufactured from materials produced in this establishment)
- 385 Steel manufacturer from purchased steel (products primarily manufactured from materials purchased from other companies or received from other plants of the same company)

Did you manufacture wire products in this establishment during 2017?

- 720 Yes
- 721 No

If "Yes", select the ONE option that best describes your wire product manufacturing operations.

- 365 Made chiefly in a steel mill producing wire rods or hot rolled bars
- 371 Made chiefly from wire drawn in this establishment
- 373 Made chiefly from purchased wire or wire received from other plants of this same company

Did you manufacture steel forgings in this establishment during 2017?

- 701 Yes
- 702 No

If "Yes", select the ONE that best describes your steel forging manufacturing operations.

- 388 Either all or partly produced from ingot, blooms, billets, slabs, or bars produced in this establishment
- 390 All produced from ingot, blooms, billets, slabs, or bars purchased from other companies or received from other plants of the same company

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Item 18: Detailed Cost of Materials, Parts, and Supplies

EIN:
Store / Plant:
CFN:

ITEM 18: DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES

Of the **\$,000.00** of materials, parts, and supplies in 2017, reported on Item 16, line A1, how much was for the following specified materials?

General - The sum of the costs of the itemized materials in this section should equal the figure reported on **Item 16**, line A1 (*Cost of materials, parts, containers, packaging, etc. used*). The following is a breakout of the \$,000.00 currently reported there. The materials, parts, and supplies listed below are commonly consumed in the manufacture, processing, or assembly of the products listed in **Item 22**.

- Please review the entire list and report separately each item consumed.
- Leave a material blank if you did not consume the item.
- Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.
- If the information as requested cannot be taken directly from your book records, **reasonable estimates are acceptable**.

Valuation of Materials Consumed - The value of the materials, parts, and supplies consumed should be based on the delivered cost; i.e., the amount paid or payable after discounts, and including freight and other direct charges incurred in acquiring the materials.

- Materials transferred from other plants within your company should be reported at their full economic value (the value assigned by the shipping plant, plus the cost of freight and other handling charges).
- If purchases or transfers do not differ significantly from the amounts actually consumed, you may report the cost of purchases or transfers. However, if consumption differs significantly from the amounts purchased or transferred, these amounts should be adjusted for changes in the materials and supplies inventories by adding the beginning inventory to the amount purchased or transferred and subtracting ending inventory, reported on **Item 9**.

Contract Manufacturing - The value of materials used for products produced under contract by other companies.

Include:

- Materials purchased by this establishment to be consumed by companies that are manufacturing products for this establishment under contract.

Exclude:

- Amounts paid to companies that are manufacturing products for this establishment under contract. Report these amounts on **Item 16**, line A3 (*Cost of work done for you by others on your materials*).
- Materials owned by other companies but used by this establishment to make products under contract or for a commission.

Wholesaling Activities (previously **Resales**) - The costs of imported or domestic products bought and sold or transferred from other establishments of your company and sold without further manufacture, processing, or assembly **should not be reported here**.

- The cost of these wholesale products should be reported on **Item 16**, line A2 (*Cost of products bought and sold without further processing*).
- The value of these wholesale products shipped by this establishment should be reported in **Item 22** on the line appropriate for the type of Wholesaling activity being reported.

Description	Value	Census Material Code
1. Iron and steel scrap (excluding home scrap)	\$ <input type="text"/> ,000.00	33000045
2. Miscellaneous iron, steel, and ferroalloy ingot, shapes, and forms (excluding castings, forgings, bars, structural shapes, wire, sheet, strip, and semifinished shapes)	\$ <input type="text"/> ,000.00	33110090
3. Coal used in the production of coke	\$ <input type="text"/> ,000.00	21211100
4. Metallic ores, concentrates, and residues	\$ <input type="text"/> ,000.00	21220000
5. Nonferrous metal shapes, forms, sheet, strip, powder, and wire (excluding castings and forgings), excluding aluminum and copper	\$ <input type="text"/> ,000.00	33141000
6. Steel wire and wire products	\$ <input type="text"/> ,000.00	33100028

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7. Cost of all other materials and components, parts, containers, and supplies consumed	\$	<input type="text"/>	,000.00	00970099
<input type="text" value="Describe"/>				
TOTAL	\$	<input type="text"/>	,000.00	77100000

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Item 22: Detail of Sales, Shipments, Receipts, or Revenue

EIN:
Store / Plant:
CFN:

ITEM 22: DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE

Of the **\$,000.00** of Sales, Shipments, Receipts, or Revenue reported in **Item 5**, what products and services were included?
Select ALL that apply.

General - Please do not combine product lines. If the information is not directly available from your records, **reasonable estimates are acceptable.**

The manufactured products and services listed below are generally made in your industry. Select the items that apply to your establishment. If you make products or have revenue from other sources not listed, you will have the opportunity to report them later.

Manufacturing of Products Section - Includes products shipped and services performed

Include:

- Products made elsewhere by others from materials supplied by this establishment.
- Products transferred to other establishments within your company.

Exclude:

- Wholesaling products (previously **Resales**) - Products that are bought from other establishments or transferred from other establishments of your company and then **sold without further manufacture, processing, or assembly** by this establishment. If you make products or have revenue from other sources not listed, you will have the opportunity to report them later.
- Products **made from materials owned by others** (i.e. the customer). If you make products or have revenue from other sources not listed, you will have the opportunity to report them later.

Description	Select	Product Code
Manufacturing of:		
1. Blast furnace slag, excluding ferroalloys	<input type="checkbox"/>	2026250000
2. Coke oven and blast furnace products, excluding slag	<input type="checkbox"/>	2026625000
a. Blast furnace pig iron (excluding ferroalloys), including pig iron with silicon content up to and including 6 percent silicon	<input type="checkbox"/>	2026625003
b. Blast furnace sinter from ore, flue dust, blast furnace gas, and all other blast furnace products (excluding ferroalloys)	<input type="checkbox"/>	2026625006
c. Coke oven products, coke, excluding screenings and breeze	<input type="checkbox"/>	2026625009
d. Screenings and breeze	<input type="checkbox"/>	2026625012
e. Coke oven products, crude tar	<input type="checkbox"/>	2026625015
f. Coke oven products, crude light oil	<input type="checkbox"/>	2026625018
g. Coke oven products, other (including tar derivatives, ammonia, light oil derivations, and coke oven gas)	<input type="checkbox"/>	2026625021
3. Ferrosilicon, including briquettes, and other silicon alloys	<input type="checkbox"/>	2026650000

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4. All other ferroalloys, including chromium alloys and additives, silvery iron, ferromanganese, ferromolybdenum, ferronickel, ferrotitanium, and ferrovanadium	<input type="checkbox"/>	2026675000
5. Super alloys and ferrous materials, excluding pig iron	<input type="checkbox"/>	2026700000
6. Steel wire, including galvanized and other coated wire	<input type="checkbox"/>	2026825000
a. Carbon steel, finished product, steel wire	<input type="checkbox"/>	2026825003
b. Alloy steel, finished product, steel wire	<input type="checkbox"/>	2026825006
c. Stainless steel, finished product, steel wire	<input type="checkbox"/>	2026825009
7. Other ferrous wire products (excluding springs)	<input type="checkbox"/>	2026850000
8. Carbon steel, semifinished, wire rods	<input type="checkbox"/>	2026860000
9. Carbon steel ingots and semifinished shapes and forms, excluding wire rods	<input type="checkbox"/>	2026870000
a. Carbon steel ingots and semifinished shapes and forms	<input type="checkbox"/>	2026870003
b. Carbon steel, semifinished, blooms, billets, sheet bars, tin mill bars, tube rounds and skelp	<input type="checkbox"/>	2026870006
c. Carbon steel, semifinished, slabs	<input type="checkbox"/>	2026870009
10. Alloy steel ingots and semifinished shapes and forms	<input type="checkbox"/>	2026880000
a. Alloy steel (excluding stainless) ingots	<input type="checkbox"/>	2026880003
b. Alloy steel (excluding stainless), semifinished, blooms, billets, sheet bars, tin mill bars, tube rounds and skelp	<input type="checkbox"/>	2026880006
c. Alloy steel (excluding stainless), semifinished, wire rods	<input type="checkbox"/>	2026880009
d. Alloy steel (excluding stainless), semifinished, slabs	<input type="checkbox"/>	2026880012
11. Stainless steel ingots and semifinished shapes and forms	<input type="checkbox"/>	2026890000
a. Stainless steel ingots	<input type="checkbox"/>	2026890003
b. Stainless steel, semifinished, blooms, billets, sheet bars, tin mill bars, tube rounds and skelp	<input type="checkbox"/>	2026890006
c. Stainless steel, semifinished, wire rods	<input type="checkbox"/>	2026890009
12. Hot rolled carbon steel sheet and strip (including tin mill products, tinplate, blackplate, terneplate, and tin-free steel)	<input type="checkbox"/>	2026900000
a. Carbon steel, finished, sheet and strip, galvanized, hot dipped	<input type="checkbox"/>	2026900006

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b. Carbon steel, finished, sheet and strip, galvanized, electrolytic	<input type="checkbox"/>	2026900009
c. Carbon steel, finished, sheet and strip, galvanized, electrical	<input type="checkbox"/>	2026900012
d. Carbon steel, finished, sheet and strip, all other metallic coated, including long ternes	<input type="checkbox"/>	2026900015
e. Carbon steel, finished, strip, hot rolled	<input type="checkbox"/>	2026900018
f. Carbon steel, finished, tin mill, black plate	<input type="checkbox"/>	2026900021
g. Carbon steel, finished, tin mill, electrolytic and hot dipped tin plate	<input type="checkbox"/>	2026900024
h. Carbon steel, finished, tin free steel	<input type="checkbox"/>	2026900027
i. Carbon steel, all other finished tin mill products including short terns and foil	<input type="checkbox"/>	2026900031
13. Hot rolled alloy steel sheet and strip (including tin mill products, tinplate, blackplate, terneplate, and tin-free steel)	<input type="checkbox"/>	2026910000
a. Alloy steel (excluding stainless), finished, sheet, hot rolled	<input type="checkbox"/>	2026910003
b. Alloy steel (excluding stainless), finished, sheet and strip, galvanized, hot dipped	<input type="checkbox"/>	2026910006
c. Alloy steel (excluding stainless), finished, all other metallic including electrolytic	<input type="checkbox"/>	2026910009
14. Hot rolled stainless steel, finished, sheet and strip	<input type="checkbox"/>	2026920000
15. Cold rolled carbon steel sheet and strip	<input type="checkbox"/>	2026925000
a. Carbon steel, finished product, strip, cold rolled	<input type="checkbox"/>	2026925006
b. Carbon steel, finished product, sheet, cold rolled	<input type="checkbox"/>	2026925009
16. Cold rolled alloy steel (excluding stainless) sheet and strip	<input type="checkbox"/>	2026930000
17. Cold rolled stainless steel, finished product, sheet and strip	<input type="checkbox"/>	2026935000
18. Hot rolled carbon steel bars, excluding concrete reinforcing	<input type="checkbox"/>	2026940000
19. Hot rolled carbon steel plates in coils	<input type="checkbox"/>	2026945000
20. Hot rolled carbon steel structural shapes and piling	<input type="checkbox"/>	2026950000
a. Carbon steel, finished product, structural shapes (heavy) wide flang	<input type="checkbox"/>	2026950006
b. Carbon steel, finished product, sheet piling and bearing piles	<input type="checkbox"/>	2026950009

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21. Hot rolled carbon steel bars, light structural, under 3 inches	<input type="checkbox"/>	2026955000
22. Hot rolled alloy steel (excluding stainless) plates, structural shapes, and tool steel	<input type="checkbox"/>	2026960000
a. Alloy steel (excluding stainless), finished products, plates in coils	<input type="checkbox"/>	2026960003
b. Alloy steel (excluding stainless), finished products, structural shapes (3 in. and under)	<input type="checkbox"/>	2026960006
c. Alloy steel (excluding stainless), finished products, tool steel, high speed	<input type="checkbox"/>	2026960009
d. Alloy steel (excluding stainless), finished products, tool steel, other than high speed	<input type="checkbox"/>	2026960012
23. Hot rolled stainless steel bars, plates, and structural shapes	<input type="checkbox"/>	2026970000
a. Stainless steel, finished products, plates and structurals	<input type="checkbox"/>	2026970003
b. Stainless steel, finished products, hot rolled bars	<input type="checkbox"/>	2026970006
24. Cold finished steel bars and bar shapes	<input type="checkbox"/>	2026975000
a. Carbon steel, finished product, bars, cold finish	<input type="checkbox"/>	2026975003
b. Alloy steel, finished product, bars, cold finish	<input type="checkbox"/>	2026975006
c. Stainless steel, finished product, bars, cold finish	<input type="checkbox"/>	2026975009
25. Other steel mill products, including steel rails, excluding wire products	<input type="checkbox"/>	2026980000
26. Secondary smelting, refining and alloying of copper	<input type="checkbox"/>	2027200000
a. Secondary copper and copper-base alloy powders, paste, and flakes	<input type="checkbox"/>	2027200003
b. Other refined secondary copper and copper-base alloy (including cathode, wire bar, ingot and ingot bar, cakes, slabs, shot, etc.)	<input type="checkbox"/>	2027200006
27. Carbon steel, finished products, pipes and tubes, oil country goods	<input type="checkbox"/>	2027460000
28. Carbon steel pipes and tubes, including pressure, mechanical, structural	<input type="checkbox"/>	2027475000
a. Carbon steel, finished products, line pipe 16 o.d and under	<input type="checkbox"/>	2027475003
b. Carbon steel, finished products, line pipe over 16 o.d	<input type="checkbox"/>	2027475006
c. Carbon steel, finished products, pipes and tubes, seamless pressure tubing	<input type="checkbox"/>	2027475012
d. Carbon steel, finished products, pipes and tubes, welded pressure tubing	<input type="checkbox"/>	2027475015

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e. Carbon steel, finished products, pipes and tubes, seamless mechanical tubing	<input type="checkbox"/>	2027475018
f. Carbon steel, finished products, pipes and tubes, welded mechanical tubing	<input type="checkbox"/>	2027475021
g. Carbon steel, finished products, pipes and tubes, structurals	<input type="checkbox"/>	2027475024
h. Carbon steel, finished products, pipes and tubes, miscellaneous, including standard	<input type="checkbox"/>	2027475027
29. Alloy steel pipes and tubes	<input type="checkbox"/>	2027480000
a. Alloy steel, finished products, pipes and tubes, oil country goods and line pipe	<input type="checkbox"/>	2027480003
b. Alloy steel, finished products, pipes and tubes, pressure tubing	<input type="checkbox"/>	2027480006
c. Alloy steel, finished products, pipes and tubes, mechanical tubing	<input type="checkbox"/>	2027480009
d. Alloy steel, finished products, pipes and tubes, miscellaneous, including standard and structural	<input type="checkbox"/>	2027480012
30. Stainless steel pipes and tubes	<input type="checkbox"/>	2027490000
a. Stainless steel, finished products, pipes and tubes, seamless pressure tubing	<input type="checkbox"/>	2027490003
b. Stainless steel, finished products, pipes and tubes, welded pressure tubing	<input type="checkbox"/>	2027490006
c. Stainless steel, finished products, pipes and tubes, seamless mechanical tubing	<input type="checkbox"/>	2027490009
d. Stainless steel, finished products, pipes and tubes, welded mechanical tubing	<input type="checkbox"/>	2027490012
e. Stainless steel, finished products, pipes and tubes, other	<input type="checkbox"/>	2027490015
31. Hot rolled steel pipes and tubes	<input type="checkbox"/>	2027500000
a. Carbon steel, finished products, hot rolled pipes and tubes	<input type="checkbox"/>	2027500003
b. Alloy steel, finished products, hot rolled pipes and tubes	<input type="checkbox"/>	2027500006
c. Stainless steel, finished products, hot rolled pipes and tubes	<input type="checkbox"/>	2027500009
32. Seamless rolled ring forgings, ferrous	<input type="checkbox"/>	2028700000
a. Seamless carbon steel and alloy steel rolled ring forgings (excluding stainless and hi-temperature)	<input type="checkbox"/>	2028700003
b. Seamless stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) rolled ring forgings	<input type="checkbox"/>	2028700006
33. Open die and smith forgings (hammer and press), ferrous	<input type="checkbox"/>	2028725000

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a. Carbon and alloy steel open die and smith forgings (hammer and press), excluding stainless and hi-temperature	<input type="checkbox"/>	2028725003
b. Stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) open die and smith forgings (hammer and press)	<input type="checkbox"/>	2028725006
34. Carbon steel concrete reinforcing bars	<input type="checkbox"/>	2036025000

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Item 22: Detail of Sales, Shipments, Receipts, or Revenue - Continued

EIN:
Store / Plant:
CFN:

ITEM 22: DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE

Of the **\$,000.00** of Sales, Shipments, Receipts, or Revenue reported in **Item 5**, what was the value for each product or service?
General – Please do not combine product lines. If the information is not directly available from your records, **reasonable estimates are acceptable.**

If quantities are requested, please use the unit of measure specified.

Below are the products and services you previously selected. If you make products or have revenue from sources not listed, describe and report them in the "All other sales, shipments, receipts, or revenue from this establishment" section at the end of this question.

Manufacturing of Products Section – Report the value of the products shipped and services performed at the net selling value, free on board (FOB) plant to the customer, after discounts and allowances.

Include:

- Products made elsewhere by others from materials supplied by this establishment. Report these products on the specific lines as if they were made in this establishment.
- Products transferred to other establishments within your company. These products should be assigned the full economic value (market value); i.e., include all direct costs of production and a reasonable proportion of all other costs and profits.

Exclude:

- Wholesaling products (previously **Resales**), which include products that are bought from other establishments or transferred from other establishments of your company and then **sold without further manufacture, processing, or assembly** by this establishment. Report these products in the appropriate Wholesaling products line(s) you selected or else describe and report them in the "All other sales, shipments, receipts, or revenue from this establishment" section at the end of this question.
- Products **made from materials owned by others** (i.e. the customer). Report your commission or contract receipts in the appropriate Contract Manufacturing products line(s) you selected or else describe and report them in the "All other sales, shipments, receipts, or revenue from this establishment" section at the end of this question.
- Freight charged
- Excise taxes

Description	Quantity Shipped	Unit of Measure	Quantity Produced	Unit of Measure	Value	Product Code
Manufacturing of:						
1. Blast furnace slag, excluding ferroalloys	<input type="text"/>	short tons			\$ <input type="text"/> ,000.00	2026250000
2. Coke oven and blast furnace products, excluding slag						
a. Blast furnace pig iron (excluding ferroalloys), including pig iron with silicon content up to and including 6 percent silicon	<input type="text"/>	short tons			\$ <input type="text"/> ,000.00	2026625003
b. Blast furnace sinter from ore, flue dust, blast furnace gas, and all other blast furnace products (excluding ferroalloys)					\$ <input type="text"/> ,000.00	2026625006
c. Coke oven products, coke, excluding screenings and breeze	<input type="text"/>	short tons	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026625009

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d. Screenings and breeze	<input type="text"/>	short tons	<input type="text"/>	short tons	\$ <input type="text"/>	,000.00	2026625012
e. Coke oven products, crude tar	<input type="text"/>	1000 gal			\$ <input type="text"/>	,000.00	2026625015
f. Coke oven products, crude light oil	<input type="text"/>	1000 gal			\$ <input type="text"/>	,000.00	2026625018
g. Coke oven products, other (including tar derivatives, ammonia, light oil derivatives, and coke oven gas)					\$ <input type="text"/>	,000.00	2026625021
Subtotal					\$ <input type="text"/>	,000.00	2026625000
3. Ferrosilicon, including briquettes, and other silicon alloys	<input type="text"/>	short tons			\$ <input type="text"/>	,000.00	2026650000
4. All other ferroalloys, including chromium alloys and additives, silvery iron, ferromanganese, ferromolybdenum, ferronickel, ferrotitanium, and ferrovandium	<input type="text"/>	short tons			\$ <input type="text"/>	,000.00	2026675000
5. Super alloys and ferrous materials, excluding pig iron	<input type="text"/>	short tons			\$ <input type="text"/>	,000.00	2026700000
6. Steel wire, including galvanized and other coated wire							
a. Carbon steel, finished product, steel wire	<input type="text"/>	short tons			\$ <input type="text"/>	,000.00	2026825003
b. Alloy steel, finished product, steel wire	<input type="text"/>	short tons			\$ <input type="text"/>	,000.00	2026825006
c. Stainless steel, finished product, steel wire	<input type="text"/>	short tons			\$ <input type="text"/>	,000.00	2026825009
Subtotal					\$ <input type="text"/>	,000.00	2026825000
7. Other ferrous wire products (excluding springs)					\$ <input type="text"/>	,000.00	2026850000
8. Carbon steel, semifinished, wire rods	<input type="text"/>	short tons			\$ <input type="text"/>	,000.00	2026860000
9. Carbon steel ingots and semifinished shapes and forms, excluding wire rods							
a. Carbon steel ingots and semifinished shapes and forms	<input type="text"/>	short tons			\$ <input type="text"/>	,000.00	2026870003
b. Carbon steel, semifinished, blooms, billets, sheet bars, tin mill bars, tube rounds and skelp	<input type="text"/>	short tons			\$ <input type="text"/>	,000.00	2026870006

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c. Carbon steel, semifinished, slabs	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026870009
Subtotal			\$ <input type="text"/> ,000.00	2026870000
10. Alloy steel ingots and semifinished shapes and forms				
a. Alloy steel (excluding stainless) ingots	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026880003
b. Alloy steel (excluding stainless), semifinished, blooms, billets, sheet bars, tin mill bars, tube rounds and skelp	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026880006
c. Alloy steel (excluding stainless), semifinished, wire rods	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026880009
d. Alloy steel (excluding stainless), semifinished, slabs	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026880012
Subtotal			\$ <input type="text"/> ,000.00	2026880000
11. Stainless steel ingots and semifinished shapes and forms				
a. Stainless steel ingots	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026890003
b. Stainless steel, semifinished, blooms, billets, sheet bars, tin mill bars, tube rounds and skelp	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026890006
c. Stainless steel, semifinished, wire rods	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026890009
Subtotal			\$ <input type="text"/> ,000.00	2026890000
12. Hot rolled carbon steel sheet and strip (including tin mill products, tinplate, blackplate, terneplate, and tin-free steel)				
a. Carbon steel, finished, sheet and strip, galvanized, hot dipped	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026900006
b. Carbon steel, finished, sheet and strip, galvanized, electrolytic	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026900009
c. Carbon steel, finished, sheet and strip, galvanized, electrical	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026900012
d. Carbon steel, finished, sheet and strip, all other metallic coated, including long ternes	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026900015

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e. Carbon steel, finished, strip, hot rolled	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026900018
f. Carbon steel, finished, tin mill, black plate	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026900021
g. Carbon steel, finished, tin mill, electrolytic and hot dipped tin plate	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026900024
h. Carbon steel, finished, tin free steel	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026900027
i. Carbon steel, all other finished tin mill products including short terns and foil	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026900031
Subtotal			\$ <input type="text"/> ,000.00	2026900000
13. Hot rolled alloy steel sheet and strip (including tin mill products, tinplate, blackplate, terneplate, and tin-free steel)				
a. Alloy steel (excluding stainless), finished, sheet, hot rolled	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026910003
b. Alloy steel (excluding stainless), finished, sheet and strip, galvanized, hot dipped	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026910006
c. Alloy steel (excluding stainless), finished, all other metallic including electrolytic	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026910009
Subtotal			\$ <input type="text"/> ,000.00	2026910000
14. Hot rolled stainless steel, finished, sheet and strip	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026920000
15. Cold rolled carbon steel sheet and strip				
a. Carbon steel, finished product, strip, cold rolled	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026925006
b. Carbon steel, finished product, sheet, cold rolled	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026925009
Subtotal			\$ <input type="text"/> ,000.00	2026925000
16. Cold rolled alloy steel (excluding stainless) sheet and strip	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026930000
17. Cold rolled stainless steel, finished product, sheet and strip	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026935000
18. Hot rolled carbon steel bars, excluding concrete reinforcing	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026940000

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19. Hot rolled carbon steel plates in coils	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026945000
20. Hot rolled carbon steel structural shapes and piling				
a. Carbon steel, finished product, structural shapes (heavy) wide flang	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026950006
b. Carbon steel, finished product, sheet piling and bearing piles	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026950009
Subtotal			\$ <input type="text"/> ,000.00	2026950000
21. Hot rolled carbon steel bars, light structural, under 3 inches	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026955000
22. Hot rolled alloy steel (excluding stainless) plates, structural shapes, and tool steel				
a. Alloy steel (excluding stainless), finished products, plates in coils	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026960003
b. Alloy steel (excluding stainless), finished products, structural shapes (3 in. and under)	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026960006
c. Alloy steel (excluding stainless), finished products, tool steel, high speed	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026960009
d. Alloy steel (excluding stainless), finished products, tool steel, other than high speed	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026960012
Subtotal			\$ <input type="text"/> ,000.00	2026960000
23. Hot rolled stainless steel bars, plates, and structural shapes				
a. Stainless steel, finished products, plates and structurals	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026970003
b. Stainless steel, finished products, hot rolled bars	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026970006
Subtotal			\$ <input type="text"/> ,000.00	2026970000
24. Cold finished steel bars and bar shapes				
a. Carbon steel, finished product, bars, cold finish	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026975003
b. Alloy steel, finished product, bars, cold finish	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026975006

2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

c. Stainless steel, finished product, bars, cold finish	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026975009
Subtotal			\$ <input type="text"/> ,000.00	2026975000
25. Other steel mill products, including steel rails, excluding wire products	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2026980000
26. Secondary smelting, refining and alloying of copper				
a. Secondary copper and copper-base alloy powders, paste, and flakes			\$ <input type="text"/> ,000.00	2027200003
b. Other refined secondary copper and copper-base alloy (including cathode, wire bar, ingot and ingot bar, cakes, slabs, shot, etc.)			\$ <input type="text"/> ,000.00	2027200006
Subtotal			\$ <input type="text"/> ,000.00	2027200000
27. Carbon steel, finished products, pipes and tubes, oil country goods			\$ <input type="text"/> ,000.00	2027460000
28. Carbon steel pipes and tubes, including pressure, mechanical, structural				
a. Carbon steel, finished products, line pipe 16 o.d and under			\$ <input type="text"/> ,000.00	2027475003
b. Carbon steel, finished products, line pipe over 16 o.d			\$ <input type="text"/> ,000.00	2027475006
c. Carbon steel, finished products, pipes and tubes, seamless pressure tubing			\$ <input type="text"/> ,000.00	2027475012
d. Carbon steel, finished products, pipes and tubes, welded pressure tubing			\$ <input type="text"/> ,000.00	2027475015
e. Carbon steel, finished products, pipes and tubes, seamless mechanical tubing			\$ <input type="text"/> ,000.00	2027475018
f. Carbon steel, finished products, pipes and tubes, welded mechanical tubing			\$ <input type="text"/> ,000.00	2027475021
g. Carbon steel, finished products, pipes and tubes, structurals			\$ <input type="text"/> ,000.00	2027475024

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MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

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h. Carbon steel, finished products, pipes and tubes, miscellaneous, including standard	\$	<input type="text"/>	,000.00	2027475027		
Subtotal	\$	<input type="text"/>	,000.00	2027475000		
29. Alloy steel pipes and tubes						
a. Alloy steel, finished products, pipes and tubes, oil country goods and line pipe	\$	<input type="text"/>	,000.00	2027480003		
b. Alloy steel, finished products, pipes and tubes, pressure tubing	\$	<input type="text"/>	,000.00	2027480006		
c. Alloy steel, finished products, pipes and tubes, mechanical tubing	\$	<input type="text"/>	,000.00	2027480009		
d. Alloy steel, finished products, pipes and tubes, miscellaneous, including standard and structural	\$	<input type="text"/>	,000.00	2027480012		
Subtotal	\$	<input type="text"/>	,000.00	2027480000		
30. Stainless steel pipes and tubes						
a. Stainless steel, finished products, pipes and tubes, seamless pressure tubing	\$	<input type="text"/>	,000.00	2027490003		
b. Stainless steel, finished products, pipes and tubes, welded pressure tubing	\$	<input type="text"/>	,000.00	2027490006		
c. Stainless steel, finished products, pipes and tubes, seamless mechanical tubing	\$	<input type="text"/>	,000.00	2027490009		
d. Stainless steel, finished products, pipes and tubes, welded mechanical tubing	\$	<input type="text"/>	,000.00	2027490012		
e. Stainless steel, finished products, pipes and tubes, other	\$	<input type="text"/>	,000.00	2027490015		
Subtotal	\$	<input type="text"/>	,000.00	2027490000		
31. Hot rolled steel pipes and tubes						
a. Carbon steel, finished products, hot rolled pipes and tubes	<input type="text"/>	short tons	\$	<input type="text"/>	,000.00	2027500003
b. Alloy steel, finished products, hot rolled pipes and tubes	<input type="text"/>	short tons	\$	<input type="text"/>	,000.00	2027500006

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MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

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c. Stainless steel, finished products, hot rolled pipes and tubes	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	202750009
Subtotal			\$ <input type="text"/> ,000.00	202750000
32. Seamless rolled ring forgings, ferrous				
a. Seamless carbon steel and alloy steel rolled ring forgings (excluding stainless and hi-temperature)	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	202870003
b. Seamless stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) rolled ring forgings	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	202870006
Subtotal			\$ <input type="text"/> ,000.00	202870000
33. Open die and smith forgings (hammer and press), ferrous				
a. Carbon and alloy steel open die and smith forgings (hammer and press), excluding stainless and hi-temperature	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2028725003
b. Stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) open die and smith forgings (hammer and press)	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2028725006
Subtotal			\$ <input type="text"/> ,000.00	2028725000
34. Carbon steel concrete reinforcing bars				
	<input type="text"/>	short tons	\$ <input type="text"/> ,000.00	2036025000
All other sales, shipments, receipts, or revenue from this establishment				
35. Other manufacturing revenue, not elsewhere classified				
a. Other manufacturing revenue, not elsewhere classified - write-in #1	<input type="text" value="Describe"/>		\$ <input type="text"/> ,000.00	2054100003
b. Other manufacturing revenue, not elsewhere classified - write-in #2	<input type="text" value="Describe"/>		\$ <input type="text"/> ,000.00	2054100006
c. Other manufacturing revenue, not elsewhere classified - write-in #3	<input type="text" value="Describe"/>		\$ <input type="text"/> ,000.00	2054100009
36. Wholesaling services for other goods, not elsewhere classified				
a. Wholesaling services for other goods, not elsewhere classified - write-in #1	<input type="text" value="Describe"/>		\$ <input type="text"/> ,000.00	4005500003

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b. Wholesaling services for other goods, not elsewhere classified - write-in #2

Describe

\$,000.00

4005500006

c. Wholesaling services for other goods, not elsewhere classified - write-in #3

Describe

\$,000.00

4005500009

37. Other service revenue, not elsewhere classified

a. Other service revenue, not elsewhere classified - write-in #1

Describe

\$,000.00

7017500003

b. Other service revenue, not elsewhere classified - write-in #2

Describe

\$,000.00

7017500006

c. Other service revenue, not elsewhere classified - write-in #3

Describe

\$,000.00

7017500009

38. All other products and services, not elsewhere classified

a. All other products and services, not elsewhere classified - write-in #1

Pick one

Describe

\$,000.00

9000000003

b. All other products and services, not elsewhere classified - write-in #2

Pick one

Describe

\$,000.00

9000000006

c. All other products and services, not elsewhere classified - write-in #3

Pick one

Describe

\$,000.00

9000000009

Add Additional Products

TOTAL - Sum of lines should equal total Sales, Shipments, Receipts, or Revenue reported in Item 5

\$,000.00

9900000000

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2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

Item 27: Manufacturing Activities - Manufacturing at This Location

EIN:
Store / Plant:
CFN:

ITEM 27: MANUFACTURING ACTIVITIES - MANUFACTURING AT THIS LOCATION

In 2017, did this establishment manufacture any products or produce any goods at this location?

- Yes
- No

2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

Item 27: Manufacturing Activities - Manufacturing by Other Company Locations Inside the U.S.

EIN:
Store / Plant:
CFN:

ITEM 27: MANUFACTURING ACTIVITIES - MANUFACTURING BY OTHER COMPANY LOCATIONS INSIDE THE U.S.

In 2017, did this establishment have any manufacturing done on its behalf by any other locations of your company **inside the U.S.**?

- Yes
- No

2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

Item 27: Manufacturing Activities - Manufacturing by Affiliated Companies Inside the U.S.

EIN:
Store / Plant:
CFN:

ITEM 27: MANUFACTURING ACTIVITIES - MANUFACTURING BY AFFILIATED COMPANIES INSIDE THE U.S.

In 2017, did this establishment have any manufacturing done on its behalf by any **affiliated** companies **inside the U.S.**?

- Yes
- No

2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

Item 27: Manufacturing Activities - Manufacturing by Unaffiliated Companies Inside the U.S.

EIN:
Store / Plant:
CFN:

ITEM 27: MANUFACTURING ACTIVITIES - MANUFACTURING BY UNAFFILIATED COMPANIES INSIDE THE U.S.

In 2017, did this establishment have any manufacturing done on its behalf by any **unaffiliated** companies **inside the U.S.**?

- Yes
- No

2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

Item 27: Manufacturing Activities - Manufacturing Done Outside the U.S.

EIN:
Store / Plant:
CFN:

ITEM 27: MANUFACTURING ACTIVITIES - MANUFACTURING DONE OUTSIDE THE U.S.

In 2017, did this establishment have any manufacturing done on its behalf **outside the U.S.**?

Include manufacturing done outside the U.S. by both affiliated and unaffiliated companies.

Yes

No

2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

Item 27: Manufacturing Activities - Design or Specification for Products Manufactured on Its Behalf

EIN:
Store / Plant:
CFN:

ITEM 27: MANUFACTURING ACTIVITIES - DESIGN OR SPECIFICATION FOR PRODUCTS MANUFACTURED ON ITS BEHALF

In 2017, did this establishment determine the design or specifications for any of the products that were manufactured on its behalf?

"Design or specifications" refers to the function of the product, not just the appearance or its packaging.

Yes

No

2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

Item 27: Manufacturing Activities - Percentage of Revenue for Products Manufactured on Its Behalf

EIN:
Store / Plant:
CFN:

ITEM 27: MANUFACTURING ACTIVITIES - PERCENTAGE OF REVENUE FOR PRODUCTS MANUFACTURED ON ITS BEHALF

What percentage of this establishment's total revenue in 2017 was from the sale of products that were manufactured on its behalf, per this establishment's design or specifications?

Estimates are acceptable.

- 0%
- 1-25%
- 26-50%
- 51-75%
- 76-99%
- 100%

2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

Item 27: Manufacturing Activities - U.S. Company as a Whole - Manufacturing Done Outside the U.S.

EIN:
Store / Plant:
CFN:

ITEM 27: MANUFACTURING ACTIVITIES - U.S. COMPANY AS A WHOLE - MANUFACTURING DONE OUTSIDE THE U.S.

In 2017, was your **U.S. company as a whole** responsible for the design of any products that were manufactured **outside the U.S.**?

- Yes
- No

2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

Item 28: Special Inquiries - Steel Mill Operations

EIN:
Store / Plant:
CFN:

ITEM 28: SPECIAL INQUIRIES - STEEL MILL OPERATIONS

Was this establishment considered a mini-mill?

- Yes
- No

2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

Item 28: Special Inquiries - Steel Mill Operations - Continued

EIN:
Store / Plant:
CFN:

ITEM 28: SPECIAL INQUIRIES - STEEL MILL OPERATIONS

1. Date this establishment was built

2. Greatest distance that you shipped your products

3. Shortest distance that you shipped your products

2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

Item 28: Special Inquiries - Steel Departments

EIN:
Store / Plant:
CFN:

ITEM 28: SPECIAL INQUIRIES - STEEL MILL DEPARTMENTS

Report the hours and wages of production workers in the following departments. All establishments should complete this item except electrometallurgical plants. If you do not maintain actual departmental records on hours worked and wages of production workers, please enter estimates.

	2017 Hours	Wages paid to production workers
1. Coke ovens	<input type="text"/> ,000	\$ <input type="text"/> ,000.00
2. Blast furnaces	<input type="text"/> ,000	\$ <input type="text"/> ,000.00
3. Basic oxygen furnaces	<input type="text"/> ,000	\$ <input type="text"/> ,000.00
4. Electric arc furnaces	<input type="text"/> ,000	\$ <input type="text"/> ,000.00
5. Steel department (furnaces) (through pouring stage)	<input type="text"/> ,000	\$ <input type="text"/> ,000.00
6. Rolling and finishing mills		
a. Sheet and strip mills	<input type="text"/> ,000	\$ <input type="text"/> ,000.00
b. Tinmills	<input type="text"/> ,000	\$ <input type="text"/> ,000.00
c. Bar mills, including rebars	<input type="text"/> ,000	\$ <input type="text"/> ,000.00
d. Wiredrawing mills	<input type="text"/> ,000	\$ <input type="text"/> ,000.00
e. Pipe mills	<input type="text"/> ,000	\$ <input type="text"/> ,000.00
f. Other mills, including semifinishing, plate, and structural	<input type="text"/> ,000	\$ <input type="text"/> ,000.00
7. Foundry (iron or steel)	<input type="text"/> ,000	\$ <input type="text"/> ,000.00
8. Forging (presses, hammers, or upsetter), excluding manufacture of nuts, bolts, etc.	<input type="text"/> ,000	\$ <input type="text"/> ,000.00
9. Other manufacturing or fabricating departments (nuts, bolts, steel containers, etc.)	<input type="text"/> ,000	\$ <input type="text"/> ,000.00
10. Service or auxiliary operations (all other activities not directly assignable above)	<input type="text"/> ,000	\$ <input type="text"/> ,000.00
TOTAL (Sum all lines)	<input type="text"/> ,000	\$ <input type="text"/> ,000.00

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2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

Item 28: Special Inquiries - Water Use

EIN:
Store / Plant:
CFN:

ITEM 28: SPECIAL INQUIRIES - WATER USE

1. What was this establishment's water intake in 2017, that is, the quantity of new water introduced into the establishment for the first time, regardless of source or quality?

Include water used in the production process and auxiliary operations (such as cooling and condensing, boiler feed, sanitary and domestic use). Report to the nearest thousand.

,000 gallons

2. Did this establishment recirculate or reuse any water during 2017?

- Yes
 No

2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

Item 28: Special Inquiries - Water Use - Continued

EIN:
Store / Plant:
CFN:

ITEM 28: SPECIAL INQUIRIES - WATER USE

What was this establishment's gross water use in 2017, that is, the quantity of water that would have been required if no water had been recirculated or reused?

For example, if total water intake was 500 million gallons and, of these 500 million gallons, 100 million gallons were used twice for cooling purposes and once for washing products or materials, the total water required would be 300 million gallons, plus the 400 million gallons not recirculated, for a total of 700 million gallons of gross water use (less consumption and evaporation loss). Report to the nearest thousand.

 ,000 gallons

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2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

Item 28: Special Inquiries - Water Use - Continued

EIN:
Store / Plant:
CFN:

ITEM 28: SPECIAL INQUIRIES - WATER USE

What was this establishment's main source of new water in 2017? **Select only ONE.**

Public water system includes water supplied by a water utility (whether municipally- or privately-owned) whose primary purpose is the supply of water to the general public and/or industrial users. *Self-supplied water systems* include water obtained by this establishment through its own system of pumps, pipes, hoses, etc. Also include here water obtained from another company that is not primarily a water utility.

- Public water system (municipally- or privately-owned utility)
- Self-supplied surface water system (rivers, streams, lakes)
- Self-supplied ground water system (wells, deep springs)
- Self-supplied tide water system (estuaries, bays, oceans)
- Self-supplied mine water (underground mines, quarries, open pits, water produced with oil)
- Other sources (e.g., rainwater, truck deliveries)

2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

Item 28: Special Inquiries - Water Use - Continued

EIN:
Store / Plant:
CFN:

ITEM 28: SPECIAL INQUIRIES - WATER USE

Which of the following types of water was mainly supplied by the public water system? *Select only ONE.*

- Potable
- Reclaimed wastewater

2017 Economic Census

MC-33110 - Iron and Steel Mills and Ferroalloy Manufacturing

Item 31: Remarks

EIN:
Store / Plant:
CFN:

ITEM 31: REMARKS

Please use this space for any explanations that may be essential in understanding your reported data. (Maximum length is 1,000 characters.)

You have characters remaining

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