

**28** SPECIAL INQUIRIES

**A. PURCHASE OF CONTRACT MANUFACTURING**

1. Did this establishment **purchase** contract manufacturing services from other companies or foreign plants of your company in 2012?

**Include:**

- Products for which the manufacturing (i.e., transforming or otherwise processing materials or components based on specifications provided by your company) was outsourced to other companies.
- Products for which the manufacturing was performed by your company's foreign plants.

**Exclude:**

- Services for packaging and assembling.
- Purchases of merchandise for resale (sale of products bought and sold without further processing or transformation).

1011  Yes - Go to line 2

1012  No - Go to **B**

		2012									
		\$ Bil.			Mil.			Thou.			
<b>2.</b>	Report the costs incurred by this establishment for contract manufacturing purchased in 2012 . . . . .	1013									
<b>3.</b>	Report the value of sales, shipments, receipts, or revenue generated in 2012 from products whose purchases were reported as contract manufacturing costs in line 2 . . . . .	1015									

**20** SPECIAL INQUIRIES - Continued

**B. RECEIPTS FROM CONTRACT MANUFACTURING**

1. Did this establishment **provide** contract manufacturing services to others in 2012 (*regardless of materials ownership*)?

**Include:**

- Products manufactured at this location (i.e., transforming or otherwise processing materials or components based on specifications provided by the contracting company).
- Products manufactured and transferred to other plants of your company.
- Products manufactured and exported.

**Exclude:**

- Services for packaging and assembling.
- Sales of products purchased and sold without further processing or transformation.

1017  Yes - Go to line 2

1018  No - Go to 6

2. Report the value of sales, shipments, receipts, or revenue generated in 2012 from contract manufacturing performed at this location for others (*regardless of materials ownership and based on specifications provided by the contracting company*) . . . . . 1019

			2012		
	\$ Bil.		Mil.		Thou.
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Please describe the product(s) being manufactured for others at this establishment. ↴

1020

# SI C Def Mfg Act

## 26 SPECIAL INQUIRIES - Continued

### C. DEFENSE RELATED MANUFACTURING ACTIVITY

1. Did this establishment ship national defense related products in 2012?

1022  Yes - Go to line 2

1023  No - Go to 1024

2. For this physical location, report the value of sales, shipments, receipts, or revenue generated in 2012 where the Department of Defense (DOD) was the ultimate customer. . . . . 1024

			2012		
\$ Bil.			Mil.		Thou.
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>


#### Include:

- Domestic U.S. Manufacturing activity (50 states and the District of Columbia).
- Shipments for which the DOD was the ultimate customer (U.S. Army, U.S. Navy, U.S. Air Force, U.S. Marines).
- Interplant Transfers to other locations, divisions or subsidiaries of your company.
- Exported products.
- Shipments to commercial entities or subcontractors who sell to the DOD.

#### Exclude:

- Nonmanufacturing activities (i.e. services, wholesale).
- Shipments to Government agencies such as National Aeronautics and Space Administration, Department of Energy, Federal Aviation Administration, Department of Homeland Security, U.S. Coast Guard, U.S. Merchant Marine, and foreign governments.
- Resale of purchased merchandise (sale of products bought and sold without further processing or transformation).
- Shipments from foreign subsidiaries or affiliates.

# SI D Aerospace Cont

D. AEROSPACE CONTRACTS		2012	
Percentage of your aerospace contracts (reported as value of shipments in  ) is based on a variation of		Percentage (Report nearest whole percent)	
1. Fixed price contract (using completed contract method) . . . . .	8810	<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/>	%
2. Fixed price contract (using percentage of completion method) . . . . .	8811	<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/>	%
3. Cost plus contract . . . . .	8812	<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/>	%
<b>4. TOTAL</b> (Add lines 1 through 3) . . . . .		<b>100</b>	<b>%</b>

## 26 SPECIAL INQUIRIES - Continued

### C. SELECTED PRODUCTS PRODUCED AND CONSUMED

- Report below the quantity of each listed item produced in this establishment and used in manufacturing other products made in this establishment.
- Purchases or receipts of the items specified below should be reported only in  $\text{④}$ .
- Materials used to produce the items specified below should be reported in  $\text{④}$ .
- Quantities produced for sale as such and not for incorporation in other products should be reported in  $\text{④}$ .
- Report quantities in the unit of measure specified.

Mark "X" if not performed at this establishment

1. Ferrous foundries . . . . . 8301

Unit of measure for quantities	Quantities produced in this establishment and used in manufacturing other products made in this establishment
short tons	

2. Nonferrous foundries, excluding die-casting

a. Aluminum . . . . . 8302

1000 lb	
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b. Copper . . . . . 8303

1000 lb	
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c. Zinc . . . . . 8304

1000 lb	
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d. Other . . . . . 8305

1000 lb	
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3. Nonferrous die-casting foundries . . . . . 8306

1000 lb	
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4. Did this establishment produce precision turned products (on screw machines, turning centers, and CNC equipment)?

8308  Yes

8309  No

**26** SPECIAL INQUIRIES - Continued

**C. SELECTED METALWORKING AND RELATED OPERATIONS**

*(Report the type(s) of operation(s) performed below and the approximate number of production workers on all shifts usually engaged in the specified operation.)*

	Mark "X" if None	Number of production workers (on all shifts) usually employed when operated (estimate if necessary)
<b>1.</b> Electroplating and other plating . . . . . 9401	<input type="checkbox"/>	□ □ □ □ □
<b>2.</b> Galvanizing and other hot dip coating of fabricated articles . . . . . 9402	<input type="checkbox"/>	□ □ □ □ □
<b>3.</b> Heat treating of metals for production purposes . . . . . 9403	<input type="checkbox"/>	□ □ □ □ □
<b>4.</b> Precision turned products (on screw machines, turning centers, and CNC equipment) . . . . . 9404	<input type="checkbox"/>	□ □ □ □ □
<b>5.</b> Machine shop . . . . . 9405	<input type="checkbox"/>	□ □ □ □ □
<b>6.</b> Tool and die shop (if separate from machine shop) for jigs, fixtures, dies, and other special tooling . . . . . 9406	<input type="checkbox"/>	□ □ □ □ □
<b>7.</b> Pattern shop (foundry patterns only - metal, wood, etc.) . . . . . 9407	<input type="checkbox"/>	□ □ □ □ □
<b>8.</b> Sheet metal work, aluminum or steel . . . . . 9408	<input type="checkbox"/>	□ □ □ □ □
<b>9.</b> Stamping and blanking of metals . . . . . 9409	<input type="checkbox"/>	□ □ □ □ □
<b>10.</b> Painting, lacquering, and enameling on metals . . . . . 9410	<input type="checkbox"/>	□ □ □ □ □
<b>11.</b> Welding of steel plate for manufacturing production . . . . . 9411	<input type="checkbox"/>	□ □ □ □ □
<b>12.</b> Welding repair shop . . . . . 9412	<input type="checkbox"/>	□ □ □ □ □

# SI D MC 33101 Still Mill Dept

**SPECIAL INQUIRIES - Continued**

**D. DEPARTMENTAL OPERATIONS**

*(All establishments should complete this item except electrochemical plants. If you do not maintain actual departmental records on hours worked and wages of production workers, please enter estimates.)*

	Cen- sus use	Total for 2012			
		Hours worked by production workers		Wages paid to production workers	
		Thou.	\$ Mil.	Thou.	\$ Mil.
1. Core ovens . . . . .	01				
2. Blast furnaces . . . . .	02				
3. Basic oxygen furnaces . . . . .	03				
4. Electric arc furnaces . . . . .	04				
5. Steel department (furnaces) (through pouring stage) . . . . .	05				
6. Rolling and finishing mills					
a. Sheet and strip mills . . . . .	06				
b. Tin mills . . . . .	07				
c. Bar mills, including rebars . . . . .	08				
d. Wiredrawing mills . . . . .	09				
e. Pipe mills . . . . .	10				
f. Other mills, including semifinishing, plate, and structural . . . . .	11				
7. Foundry (iron or steel) . . . . .	12				
8. Forging (presses, hammers, or upsetter), excluding manufacture of nuts, bolts, etc. . . . .	13				
9. Other manufacturing or fabricating departments (nuts, bolts, steel containers, etc.) . . . . .	14				
10. Service or auxiliary operations (all other activities not directly assignable above) . . . . .	15				
11. <b>TOTAL</b> (Sum lines 1 through 10) . . . . .	00				

26 SPECIAL INQUIRIES - Continued

C. STEEL MILL OPERATIONS

1. Was this establishment considered a mini-mill?

8051  Yes - Go to line 2

8052  No - Go to D

2. Date this establishment was built . . . . . 8055

Month		Year	

3. Greatest distance that you shipped your products . . . . . 8056

Miles			

4. Shortest distance that you shipped your products . . . . . 8057

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**15** TYPE OF OPERATION  
(Mark "X" the statements below that best describe the manufacturing operation(s) at this establishment during 2012.)

0620

**Drawn plain wire**

- 368  Either all or partly produced from rods or bars produced in this establishment
- 372  All produced from rods, bars, or redrawn wire purchased from other companies or received from other plants of the same company

**Cold-rolled and cold-finished sheet, strip, or bars**

- 380  Either all or partly produced from hot-rolled shapes produced in this establishment
- 382  All produced from hot-rolled shapes purchased from other companies or received from other plants of the same company

**Pipe and tube**

- 384  Either all or partly produced from semifinished shapes or plate produced in this establishment
- 386  All produced from semifinished shapes or plate purchased from other companies or received from other plants of the same company

**Steel forgings**

- 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

**Wire products**

- 384  Either all or partly produced from wire drawn in this establishment from steel rods or bars produced in this establishment
- 370  Either all or partly produced from wire drawn in this establishment from steel rods or bars purchased from other companies or received from other plants of the same company
- 386  Either all or partly produced from nonferrous wire drawn in this establishment
- 378  All produced from plain wire purchased from other companies or received from other plants of the same company

**15** TYPE OF OPERATION  
*(Mark "X" the ONE box that best describes the operation performed at this establishment during 2012.)*

**Method of operation of this establishment during 2012**

0620

392  Smelting or refining copper from ore or smelter products

394  Smelting or refining lead from ore or smelter products

396  Smelting or refining zinc from ore

398  Aluminum reduction

400  Smelting or refining other nonferrous metals from ore or smelter products

402  Smelting or refining nonferrous metals from scrap or dross

406  Producing aluminum ingots or billets in an aluminum rolling mill

530  Performing other operations *(Specify kind.)*

0621

**15** TYPE OF OPERATION  
*(Mark "X" the ONE box that best describes the operation performed at this establishment during 2012.)*

**Type of manufacturing activity during 2012**

0820

338  Producing aluminum ingots or billets in an aluminum reduction plant

404  Producing aluminum ingots or billets from scrap or dross

406  Producing aluminum ingots or billets in an aluminum rolling mill

408  Producing bare wire and cable from wire drawn in this establishment

409  Producing insulated wire and cable from wire drawn in this establishment

410  Producing insulated wire and cable from purchased wire

412  Producing aluminum extrusions (either for sale or for own use)

**1B** TYPE OF OPERATION  
*(Mark "X" the ONE box that best describes the operation performed at this establishment during 2012.)*

**Type of manufacturing activity during 2012**

0620 398  Producing aluminum ingots or billets in an aluminum reduction plant

404  Producing aluminum ingots or billets from scrap or dross

## 15 TYPE OF OPERATION - Continued

**Type of manufacturing activity during 2012 - Continued**

0920

- 406  Producing aluminum ingots or billets in an aluminum rolling mill
- 408  Producing bare wire and cable from wire drawn in this establishment
- 409  Producing insulated wire and cable from wire drawn in this establishment
- 410  Producing insulated wire and cable from purchased wire
- 412  Producing aluminum extrusions (either for sale or for own use)
- 336  Producing fabricated wire products (other than insulated wire and cable) from purchased wire
- 334  Producing fabricated wire products from wire drawn in this establishment
- 416  Producing apparatus wire and cord and flexible cord sets from purchased insulated wire
- 414  Producing apparatus wire and cord and flexible cord sets from wire insulated in this establishment

**15** TYPE OF OPERATION  
(Mark "X" ALL that apply.)**Operations performed in this establishment during 2012**

- 0520
- 405  Producing bare wire and cable from wire drawn in this establishment
- 409  Producing insulated wire and cable from wire drawn in this establishment
- 410  Producing insulated wire and cable from purchased wire
- 378  Producing fabricated wire products (other than insulated wire and cable) from purchased wire
- 374  Producing fabricated wire products from wire drawn in this establishment
- 416  Producing apparatus wire and cord and flexible cord sets from purchased insulated wire
- 414  Producing apparatus wire and cord and flexible cord sets from wire insulated in this establishment



TYPE OF OPERATION

(Mark "X" the ONE box that best describes the operation performed at this establishment during 2012.)

**Type of manufacturing activity during 2012**

0020

- 408  Producing bare wire and cable from wire drawn in this establishment
- 409  Producing insulated wire and cable from wire drawn in this establishment
- 410  Producing insulated wire and cable from purchased wire
- 378  Producing fabricated wire products (other than insulated wire and cable) from purchased wire

15 TYPE OF OPERATION - Continued

**Type of manufacturing activity during 2012 - Continued**

0820

- 374  Producing fabricated wire products from wire drawn in this establishment
- 416  Producing apparatus wire and cord and flexible cord sets from purchased insulated wire
- 414  Producing apparatus wire and cord and flexible cord sets from wire insulated in this establishment
- 417  Producing insulated fiber optic cable from purchased fiber optic glass strand





TYPE OF OPERATION

*(Mark "X" the ONE box that best describes the operation performed at this establishment during 2012.)*

**Operations performed in this establishment during 2012**

0620

392  Smelting or refining copper from ore or smelter products

394  Smelting or refining lead from ore or smelter products

396  Smelting or refining zinc from ore

**15** TYPE OF OPERATION - Continued

**Operations performed in this establishment during 2012 - Continued**

0620 398  Aluminum reduction

400  Smelting or refining other nonferrous metals from ore or smelter products

402  Smelting or refining nonferrous metals from scrap or dross

406  Producing aluminum ingots or billets in an aluminum rolling mill

530  Performing other operations (*Specify kind.*) ↗

0621



TYPE OF OPERATION

*(Mark "X" the ONE box that best describes the operation performed at this establishment during 2012.)*

**Steel forgings**

0620

338  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

**15** TYPE OF OPERATION

(Mark "X" the ONE box that best describes the operation performed at this establishment during 2012.)

**Drawn plain wire**

0620

- 368  Either all or partly produced from rods or bars produced in this establishment
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**Wire products**

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- 370  Either all or partly produced from wire drawn in this establishment from steel rods or bars purchased from other companies or received from other plants of the same company
- 366  Either all or partly produced from nonferrous wire drawn in this establishment
- 378  All produced from plain wire purchased from other companies or received from other plants of the same company