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Census File Number

Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997

INSTRUCTIONS

1. General – The materials, parts, and supplies listed below are those commonly consumed in the manufacture, processing, or assembly of the products listed in item 18B. Please review the entire list and report separately each item consumed. Leave blank if you do not consume the item. If you use materials, parts, and supplies which are not listed, describe and report them in the "Cost of all other materials . . ." line at the end of this section. If you consumed less than \$25,000 of a listed material, include the value with "Cost of all other materials . . .," Census material code 970099 8.

Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.

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

If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

2. Valuation of Materials Consumed – The value of the materials, etc., 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 received 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 put into production, 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.

3. Produced and Consumed – Forgings, foundries, and screw machine products – Report the quantities produced and used in manufacturing other products made in this establishment in item 19. Note that the materials used to produce these items should be reported in item 17.

4. Contract Work – Include as materials consumed those you purchased for use by others making products for you under contract. Amounts paid to the companies doing the contract work should be reported in item 10, line e, and should include freight in and out. On the other hand, materials owned by others but used at this establishment in making products for others under contract or on commission should be excluded.

5. Resales – Cost for products bought and sold or transferred from other establishments of your company and sold without further manufacture, processing, or assembly should be reported in item 10, line b, not in item 17 below. The value of these products shipped by this establishment should be reported in item 18B under Census product code 99989 00 6, "Resales."

| Line No. | Materials, parts, and supplies (A) | Census material code (B) | Consumption of purchased materials and of materials received from other establishments of your company | | |
|----------|---|---------------------------------|--|----------------|---------|
| | | | Cost, including delivery cost (freight-in) (E) | | |
| | | | 574 Millions | Thou- sands | Dollars |
| 1 | Railway electrical control equipment | 361302 3 | \$ | | |
| 2 | Brake equipment, truck assemblies, hooks and coupling devices, buffers, and parts thereof | 374001 6 | | | |
| 3 | Roller bearings (including mounted and unmounted) | 356201 4 | | | |
| 4 | Plain bearings and bushings | 356810 2 | | | |
| 5 | Speed changers, gears, and industrial high-speed drives | 356601 5 | | | |
| 6 | Fluid power products, including pumps, motors, valves, cylinders, rotary actuators, hose or tube fittings and assemblies, filters, etc. (hydraulic and pneumatic) | 190090 1 | | | |
| 7 | FABRICATED METAL PRODUCTS, EXCEPT FORGINGS | | | | |
| | Bolts, nuts, screws, washers, rivets, and screw machine products | 345001 2 | | | |
| 8 | Other fabricated metal products, except fluid power products | 340078 5 | | | |
| 9 | IRON AND STEEL FORGINGS | | | | |
| | Wheels and axles | 346202 5 | | | |
| 10 | Other | 346203 3 | | | |
| 11 | CASTINGS (ROUGH AND SEMIFINISHED) | | | | |
| | Iron and steel | 332001 7 | | | |
| 12 | Nonferrous | 336010 4 | | | |

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Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997 – Continued

| Line No. | Materials, parts, and supplies | | | Census material code | Consumption of purchased materials and of materials received from other establishments of your company | | |
|----------|--|-----------------------------------|------------------------------------|----------------------|--|------------|---------|
| | | | | | Cost, including delivery cost (freight-in) | | |
| | (A) | | | (B) | (E) | | |
| | | | 571 | 574 | Millions | Thou-sands | Dollars |
| 13 | Shapes and Forms (Except castings, forgings, and fabricated metal products) | STEEL | Bars, bar shapes, and plates | 331007 5 | \$ | | |
| 14 | | | Sheet and strip | 331022 4 | | | |
| 15 | | | Structural shapes and sheet piling | 331023 2 | | | |
| 16 | | | All other steel shapes and forms | 331091 9 | | | |
| 17 | | Nonferrous metal shapes and forms | 336002 1 | | | | |
| 18 | Cost of all other materials and components, parts, containers, and supplies consumed <i>Describe the three principal materials, etc., included in this value.</i> | | | 970099 8 | | | |
| 19 | TOTAL Sum of lines 1–18 should equal item 10, line a | | | | \$ | | |

Item 18A – Not applicable to this report

Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997

INSTRUCTIONS

- General** – The manufactured products and services listed below are generally made in your industry. If you make products that are not listed, describe and report them in the "All other products made in this establishment" section at the end of item 18B. PLEASE DO NOT COMBINE PRODUCT LINES.
If quantities are requested, please use the unit of measure specified.
If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.
- Valuation of Products** – Report the value of the products shipped and services performed at the net selling value, f.o.b. plant to the customer; i.e., after discounts and allowances, and exclusive of freight charges and excise taxes.
If you transfer products to other establishments within your company, you should assign the full economic value to the transferred products; i.e., include all direct costs of production and a reasonable proportion of all other costs and profits.
- Contract Work** – Report PRODUCTS MADE BY OTHERS FOR YOU FROM YOUR MATERIALS on the specific lines as if they were made in this establishment.
- On the other hand, do not report on the specific product lines PRODUCTS THAT YOU MADE FROM MATERIALS OWNED BY OTHERS. Report only the amount that you received for "commission or contract receipts" under Census product code 93000 00 8.
- Resales** – Do not report on the specific product lines those PRODUCTS BOUGHT AND SOLD OR TRANSFERRED FROM OTHER ESTABLISHMENTS OF YOUR COMPANY AND SOLD WITHOUT FURTHER MANUFACTURE. Report only a value under Census product code 99989 00 6, "Resales."
- Detailed Data Reported Elsewhere** – Items donated by an asterisk (*) require totals for groups of products covered in the more frequent Current Industrial Reports (CIR). If you report on the CIR forms, the sum of the detailed CIR products should equal the total reported on this census form.
NOTE: Only CIR totals are requested; do not duplicate detail reported on the CIR.
- Rebuilt Locomotives, Passenger and Freight Cars** – Report the value of those units for which the cost of dismantling, improvement, and modernization is more than 50 percent of the replacement cost.

| Line No. | Products and services | | | Census product code | Products shipped and other receipts | | |
|----------|---|------------------|---|---------------------|-------------------------------------|------------|---------|
| | | | | | Value, f.o.b. plant | | |
| | (A) | | | (B) | (E) | | |
| | | | 581 | 584 | Millions | Thou-sands | Dollars |
| 1 | Locomotives, Both New and Rebuilt, and Parts for Locomotives Sold Separately (37431) | LOCOMOTIVES | Rail locomotives powered from an external source of electricity | 37431 02 0 | \$ | | |
| 2 | | | Diesel-electric locomotives | 37431 04 6 | | | |
| 3 | | | Other rail locomotives | 37431 05 3 | | | |
| 4 | | LOCOMOTIVE PARTS | Locomotive fuel lubricating or cooling medium pumps | 37431 07 9 | | | |
| 5 | | | Other parts for locomotives | 37431 13 7 | | | |

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Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 – Continued

| Line No. | Products and services *Item corresponds to products reported on Current Industrial Reports | | Census product code | Products shipped and other receipts | | | |
|----------|--|---|--|-------------------------------------|-------|---------|--|
| | | | | Value, f.o.b. plant (E) | | | |
| | | | | 584 | Thou- | Dollars | |
| (A) | | (B) | Millions | sands | | | |
| 6 | Freight train and passenger train cars, new (37432) | | 37432 00 2 | \$ | | | |
| 7 | Street, Subway, Trolley and Rapid Transit Cars, All Rebuilt Passenger and Freight Train Cars and Parts for All Railcars (37433) | Rebuilt passenger and freight train cars (See instructions on page 6) | 37433 01 8 | | | | |
| 8 | | Self-propelled and nonself-propelled streetcars, subway cars, rapid transit, trolley buses, etc. | 37433 05 9 | | | | |
| 9 | | Other work and service railroad vehicles | 37433 04 2 | | | | |
| 10 | | PARTS AND ACCESSORIES FOR RAILROAD AND STREETCARS | Airbrake equipment | 37433 11 7 | | | |
| 11 | | | Other brake equipment | 37433 12 5 | | | |
| 12 | | | Hooks and other coupling devices, buffers, and parts thereof | 37433 14 1 | | | |
| 13 | Other railroad and streetcar parts and accessories, including truck assemblies | | 37433 19 0 | | | | |
| 14 | MOTORS AND GENERATORS | Motors and generators used for land transportation and associated control equipment (corresponds to item code 5310 as reported on CIR Form MA36H, Motors and Generators, for 1997)* | 36213 00 7 | | | | |
| 15 | | Prime mover generator sets (except steam or hydraulic turbine) (corresponds to the sum of item codes 7401-7449 and 7475 as reported on CIR Form MA36H, Motors and Generators, for 1997)* | 36214 00 5 | | | | |
| 16 | Self-propelled golf carts (electric and gasoline powered) for carrying passengers and/or industrial in-plant personnel carriers | | 37993 82 1 | | | | |
| 17 | Automobile and light truck trailers (excluding travel and camping trailers) –Specify kind and use | | 37996 00 6 | | | | |
| | | | | | | | |
| 18 | ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT | Describe and report separately each product with a sales value of \$50,000 or more which cannot be assigned to one of the lines above. For all remaining products, write "Other" and report a single total value. | 18 | | | | |
| 19 | | | 26 | | | | |
| 20 | | | 34 | | | | |
| 21 | | | 42 | | | | |
| 22 | | | 59 | | | | |
| 23 | | | 67 | | | | |
| 24 | CONTRACT WORK | Receipts for work done for others on their own materials Describe below products worked on and kind of work. | 93000 00 8 | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

CONTINUE WITH ITEM 18B ON PAGE 8

| Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 – Continued | | | | | | | | |
|---|---|---|--|--------------------------------|-------------------------------------|----------|----------------|---------|
| Line No. | Products and services (A) | | | Census product code (B) | Products shipped and other receipts | | | |
| | | | | | Value, f.o.b. plant (E) | | | |
| | | | | 581 | 584 | Millions | Thou- sands | Dollars |
| 25 | MISCELLANEOUS RECEIPTS | Sales of scrap and refuse | | 99980 13 8 | \$ | | | |
| 26 | | Receipts for repair work | | 99980 61 7 | | | | |
| 27 | | Other miscellaneous receipts | | 99980 98 9 | | | | |
| 28 | RESALES | Sales of products bought and sold without further manufacture, processing, or assembly in this establishment. The cost of such items should be reported in item 10, line b. | | 99989 00 6 | | | | |
| 29 | TOTAL value of shipments and other receipts Sum of lines 1–28, column (E) | | | 77000 00 8 | \$ | | | |

Item 19. SELECTED PRODUCTS PRODUCED IN THIS ESTABLISHMENT AND USED IN MANUFACTURING OTHER PRODUCTS MADE IN THIS ESTABLISHMENT

INSTRUCTIONS

- 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 item 17.
- Materials used to produce the items specified below should be reported in item 17.
- Quantities produced for sale as such and not for incorporation in other products should be reported in item 18B.
- Report quantities in the unit of measure specified in column (D).

| Line No. | Item (A) | Census code (B) | Was this operation performed at this establishment during 1997? (C) | | Unit of measure for quantities (D) | Quantities produced in this establishment and used in manufacturing other products made in this establishment (E) |
|----------|---|------------------------|--|----------------------------|---|--|
| | | | 592 | 593 | | |
| | | | Yes | No | | |
| 1 | Ferrous foundries | 1001 7 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | Short tons | |
| 2 | NONFERROUS FOUNDRIES (Except die-casting) | Aluminum | 1002 5 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | Thousand pounds |
| 3 | | Copper | 1003 3 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | |
| 4 | | Zinc | 1004 1 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | |
| 5 | | Other | 1005 8 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | |
| 6 | Nonferrous die-casting foundries | 1006 6 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | |
| 7 | Precision turned products (on screw machines, turning centers, and CNC equipment) | 1007 4 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | |

Items 20 and 21 – Not applicable to this report

REMARKS – Please use this space for any explanations that may be essential in understanding your reported data.

Item 22. CERTIFICATION – This report is substantially accurate and has been prepared in accordance with instructions.

| | | | | | | |
|--|-------------|---|-----------|-----------|-----------|------|
| Name of person to contact regarding this report (<i>Print or type</i>) | | Telephone | Area code | Number | Extension | |
| Name of company | | Address (<i>Number and street, city, State, ZIP Code</i>) | | | | |
| Period covered | FROM: Month | Day | Year | TO: Month | Day | Year |
| Signature of authorized person | | Title | | | Date | |