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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

**4. 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  |  | Census material code | Consumption of purchased materials and of materials received from other establishments of your company |         |  |
|-----------|---|--|----------------------|--|---------|--|
|           |   |  |                      | Cost, including delivery cost (freight-in)   |         |  |
|           |   |  |                      | <b>(E)</b>   |         |  |
|           | <b>(A)</b>  | <b>(B)</b>   | 574                  | Thou-  | Dollars |  |
|           |   |  | Millions             | sands  |         |  |
| <b>1</b>  | FABRICATED METAL PRODUCTS (Except forgings)                                 | Bolts, nuts, screws, washers, rivets, and screw machine products   | 345001 2             | \$   |         |  |
| <b>2</b>  |   | Other fabricated metal products  | 340098 3             |  |         |  |
| <b>3</b>  | CASTINGS (Rough and semifinished)   | Iron and steel   | 332001 7             |  |         |  |
| <b>4</b>  |   | Aluminum and aluminum-base alloy   | 336005 4             |  |         |  |
| <b>5</b>  |   | Other nonferrous   | 336003 9             |  |         |  |
| <b>6</b>  | FORGINGS  | Iron and steel   | 346200 9             |  |         |  |
| <b>7</b>  |   | Aluminum and aluminum-base alloy   | 346310 6             |  |         |  |
| <b>8</b>  |   | Other nonferrous   | 346399 9             |  |         |  |
| <b>9</b>  | SHAPES AND FORMS (Except castings, forgings, and fabricated metal products) | Steel  | 331002 6             |  |         |  |
| <b>10</b> |   | Copper and copper-base alloy   | 335105 3             |  |         |  |
| <b>11</b> |   | Aluminum and aluminum-base alloy   | 335001 4             |  |         |  |
| <b>12</b> |   | All other nonferrous shapes and forms  | 335099 8             |  |         |  |
| <b>13</b> | CHEMICALS AND ALLIED PRODUCTS   | Smokeless powder   | 289217 2             |  |         |  |
| <b>14</b> |   | Plastics resins consumed in the form of granules, pellets, powders, liquids, etc., but excluding sheets, rods, tubes, and shapes | 282104 9             |  |         |  |
| <b>15</b> |   | Other chemicals and allied products  | 280096 9             |  |         |  |
| <b>16</b> | Rough and dressed lumber  |  | 242101 4             |  |         |  |

CONTINUE WITH ITEM 17 ON PAGE 6

| Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997 – Continued |  |  |  |                |         |
|--|--|--|--|----------------|---------|
| Line No.   | Materials, parts, and supplies<br><br><b>(A)</b>   | Census material code<br><br><b>(B)</b> | Consumption of purchased materials and of materials received from other establishments of your company |                |         |
|  |  |  | Cost, including delivery cost (freight-in)<br><b>(E)</b>   |                |         |
|  |  |  | 574<br>Millions  | Thou-<br>sands | Dollars |
| 17   | Paperboard containers, boxes, and corrugated paperboard  | 265001 8                               | \$   |                |         |
| 18   | Fabricated plastics products (except gaskets)  | 308006 6                               |  |                |         |
| 19   | Machine tool accessories, including cutting tools  | 354500 1                               |  |                |         |
| 20   | Electronic, hydraulic, and mechanical subassemblies  | 190055 4                               |  |                |         |
| 21   | Cost of all other materials and components, parts, containers, and supplies consumed . . . . .<br><i>Describe the principal materials, etc., included in this value.</i> | 970099 8                               |  |                |         |
| 22   | <b>TOTAL</b><br>Sum of lines 1–21 should equal item 10, line a   |  | \$   |                |         |

Item 18A – Not applicable to this report

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

**INSTRUCTIONS**

**1. 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.

**2. 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.

**3. 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.

**4. 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."

| Line No. | Products and services<br><br><b>(A)</b>   |   | Census product code<br><br><b>(B)</b> | Unit of measure for quantities<br><br><b>(C)</b> | Products shipped and other receipts |                                   |                |         |
|----------|---|---|---------------------------------------|--|-------------------------------------|-----------------------------------|----------------|---------|
|          |   |   |                                       |  | Quantity<br><br><b>(D)</b>          | Value, f.o.b. plant<br><b>(E)</b> |                |         |
|          |   |   |                                       |  |                                     | 583<br>Millions                   | Thou-<br>sands | Dollars |
| 1        | Small Arms Ammunition, 30 mm or Less (or 1.18 Inches or Less) for Small Fire-arms (Rifles, shotguns, and side-arms) (34820) | CARTRIDGES  | 34820 25 8                            | Thousands of units                               |                                     | \$                                |                |         |
| 2        |   | Rimfire rifle/pistol  |                                       |  |                                     |                                   |                |         |
| 3        |   | Centerfire rifle  |                                       |  |                                     |                                   |                |         |
| 4        |   | Centerfire pistols (including cartridges interchangeable between rifles and pistols)                        | 34820 45 6                            |  |                                     |                                   |                |         |
| 5        |   | Shotgun shells  | 34820 55 5                            |  |                                     |                                   |                |         |
| 6        |   | AMMUNITION COMPONENTS   | 34820 61 3                            |  |                                     |                                   |                |         |
| 7        |   | Primers   |                                       |  |                                     |                                   |                |         |
|          |   | All other (including wads, shot cases (primed or unprimed), bullets, bullet jackets, and cases)             | 34820 69 6                            |  |                                     |                                   |                |         |
|          |   | Other ammunition products (including industrial shells and cartridges, air gun ammunition, percussion caps) | 34820 98 5                            |  |                                     |                                   |                |         |

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

| Line No. | Products and services<br><br>(A)  |  | Census product code<br><br>(B)                           | Unit of measure for quantities<br><br>(C) | Products shipped and other receipts |                            |           |         |  |  |
|----------|---|--|--|---|-------------------------------------|----------------------------|-----------|---------|--|--|
|          |   |  |  |   | Quantity<br><br>(D)                 | Value, f.o.b. plant<br>(E) |           |         |  |  |
|          |   |  |  |   |                                     | Millions                   | Thousands | Dollars |  |  |
| 8        | ARTILLERY AMMUNITION, MORE THAN 30 mm (Or more than 1.18 inches) (34831)  | Complete rounds, loaded  | 34831 11 5   |   |                                     |                            | \$        |         |  |  |
| 9        |   | Steel cases only   | 34831 35 4   |   |                                     |                            |           |         |  |  |
| 10       |   | Projectile metal parts   | 34831 51 1   |   |                                     |                            |           |         |  |  |
| 11       |   | Other components (including primers, fuses, boosters, and nonsteal cases)  | 34831 71 9   |   |                                     |                            |           |         |  |  |
| 12       | Receipts for ammunition loading and assembly, more than 30 mm (or more than 1.18 inches)  |  | 34831 81 8   |   |                                     |                            |           |         |  |  |
| 13       | AMMUNITION (Except for small arms), N.E.C. (34833)  | Bombs, depth charges, mines, torpedoes, etc., and parts  | 34833 11 1   |   |                                     |                            |           |         |  |  |
| 14       |   | Rockets (other than guided missiles) and parts   | 34833 31 9   |   |                                     |                            |           |         |  |  |
| 15       | Machine guns, 30 mm or less (or 1.18 inches or less) (34841)  |  | 34841 00 7   | Thousands of units                        |                                     |                            |           |         |  |  |
| 16       | Small Arms, 30 mm or Less (or 1.18 Inches or Less) (34842)  | PISTOLS AND REVOLVERS  | Centerfire   |   |                                     |                            |           |         |  |  |
|          |   |  | Overall length 6 inches or less                          |   | 34842 11 2                          |                            |           |         |  |  |
| 17       |   |  | All other (including units with interchangeable barrels) |   | 34842 13 8                          |                            |           |         |  |  |
| 18       |   | RIFLES   | Rimfire  |   | 34842 16 1                          |                            |           |         |  |  |
| 19       |   |  | Centerfire Semiautomatic                                 |   | 34842 21 1                          |                            |           |         |  |  |
| 20       |   |  | Bolt repeater  |   | 34842 23 7                          |                            |           |         |  |  |
| 21       |   |  | All other types  |   | 34842 26 0                          |                            |           |         |  |  |
| 22       |   |  | Rimfire  |   | 34842 54 2                          |                            |           |         |  |  |
| 23       |   | Single barrel shotguns   | 34842 65 8   |   |                                     |                            |           |         |  |  |
| 24       |   | Other small firearms, 30 mm or less (including double barrel shotguns and combination rifle-shotguns) – Specify kind | 34842 74 0   |   |                                     |                            |           |         |  |  |
| 25       | Parts and attachments for small firearms  |  | 34842 81 5   |   |                                     |                            |           |         |  |  |
| 26       | GUNS, HOWITZERS, MORTARS, AND RELATED EQUIPMENT, MORE THAN 30 mm (More than 1.18 inches) (34891)  | Guns, howitzers, and mortars, assembled and recoilless rifles  | 34891 21 8   |   |                                     |                            |           |         |  |  |
| 27       |   | Turrets (except aircraft turrets and aircraft turret drives), mounts, and carriages (except self-propelled)          | 34891 51 5   |   |                                     |                            |           |         |  |  |
| 28       |   | Parts and other related equipment for heavy weapons  | 34891 71 3   |   |                                     |                            |           |         |  |  |
| 29       | Ordnance and accessories, n.e.c., not specified above, such as rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc., and their parts (34892) – Specify kind |  | 34892 00 0   |   |                                     |                            |           |         |  |  |
| 30       | TANKS AND TANK COMPONENTS (37950)   | Tanks and parts  | 37950 01 1   |   |                                     |                            |           |         |  |  |
| 31       |   | Self-propelled weapons and parts   | 37950 51 6   |   |                                     |                            |           |         |  |  |
| 32       |   | Other full-tracked combat vehicles and parts (including armored utility vehicles)                                    | 37950 98 7   |   |                                     |                            |           |         |  |  |

CONTINUE WITH ITEM 18B ON PAGE 8

| Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 - Continued |  |   |                                |   |                                     |                            |                |         |
|---|--|---|--------------------------------|---|-------------------------------------|----------------------------|----------------|---------|
| Line No.  | Products and services<br><br>(A)   |   | Census product code<br><br>(B) | Unit of measure for quantities<br><br>(C) | Products shipped and other receipts |                            |                |         |
|   |  |   |                                |   | Quantity<br><br>(D)                 | Value, f.o.b. plant<br>(E) |                |         |
|   |  |   |                                |   |                                     | 584<br>Millions            | Thou-<br>sands | Dollars |
| 33  | ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT  |   |                                |   |                                     |                            |                |         |
|   | <i>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. Specify unit of measure for quantity. For all remaining products, write "Other" and report a single total value.</i> |   |                                |   |                                     |                            |                |         |
|   |  |   | 18                             |   |                                     | \$                         |                |         |
| 34  |  |   | 26                             |   |                                     |                            |                |         |
| 35  |  |   | 34                             |   |                                     |                            |                |         |
| 36  |  |   | 42                             |   |                                     |                            |                |         |
| 37  |  |   | 59                             |   |                                     |                            |                |         |
| 38  | CONTRACT WORK  | Receipts for work done for others on their own materials . . . . .<br><i>Describe below products worked on and kind of work.</i>  | 93000 00 8                     |   |                                     |                            |                |         |
|   |  |   |                                |   |                                     |                            |                |         |
|   |  |   |                                |   |                                     |                            |                |         |
|   |  |   |                                |   |                                     |                            |                |         |
| 39  | MISCELLANEOUS RECEIPTS   | Sales of scrap and refuse   | 99980 13 8                     |   |                                     |                            |                |         |
| 40  |  | Receipts for research and developmental work  | 99980 41 9                     |   |                                     |                            |                |         |
| 41  |  | Other miscellaneous receipts (including receipts for repair work, etc.)   | 99980 98 9                     |   |                                     |                            |                |         |
| 42  | 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                     |   |                                     |                            |                |         |
| 43  | <b>TOTAL value of shipments and other receipts</b><br>Sum of lines 1-42, column (E)  |   | 77000 00 8                     |   |                                     | \$                         |                |         |

Items 19-21 - 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 |      |      |
| 667  | 1 | 2           |   |        |           |      |      |
| Name of company  |   |             | Address ( <i>Number and street, city, State, ZIP Code</i> ) |        |           |      |      |
| Period covered   |   | FROM: Month | Day   | Year   | TO: Month | Day  | Year |
|  |   | 666         | 1   |        | 2         |      |      |
| Signature of authorized person   |   |             |   | Title  |           | Date |      |