## DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES

General - The materials, parts, and supplies listed below are those commonly consumed in the manufacture, processing, or assembly of the products listed in 22. 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 that are not listed, describe and report them in the "Cost of all other materials..." 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 009700998.
Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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.
Valuation of Materials Consumed - The value of the materials, etc., consumed sho ld b ba en the delivered cost; i.e., the amount paid or payable after discounts and including frgigy a d ather diect, cbayges incurred in acquiring the materials.

 the cost of purchases or transfe bowever, if consumption dif ss shifica hti, from the amounts purchased or transferred, these amounts should be adjusted fon nges $n$ t er terials and supplies inventories by adding the beginning inventory to the amount purctise ( $r$ rtr) ns ferredaplablracting ending inventory.
Contract Work - Include $a$ m ria) consunhethose you purchased for use by others making products for you under contract. Amounts pa d ty keompanies doing the contract work should be reported in (5), line A5, and should include freight in and out. OHt 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.
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 15, line A2, not in (16. The value of these products shipped by this establishment should be reported in 22 under Census product code 0009998900 6, "Resales."


If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES - Continued


DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE
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 22. 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 code 00093000008.

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 code 0009998900 6, "Resales."
Detailed Data Reported Elsewhere - Items denoted by an asterisk (*) require totals for groups of products covered in the more frequent Current Industrial Reports (CIR). If you report on the CIR form, the sum of the detailed products should equal the total reported on this form. For corresponding survey item codes, see paragraph 4, "Comparability," of CIR Instruction Manual.

NOTE: Only totals are requested; do not duplicate detail reported on the CIR.


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DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued


DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

| $\begin{aligned} & \stackrel{0}{0} \\ & \stackrel{y}{\leftrightharpoons} \end{aligned}$ | Products and services <br> *Items correspond to products reported on Current Industrial Reports (CIR) | Census product code | Products shipped and other receipts |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Value, f.o.b. plant |  |  |
|  |  |  | $\begin{array}{\|l\|} \hline \text { \$ Bil. } \\ \hline 0731 \end{array}$ | Mil. | Thou. |
| 31 | Mixers for industrial processes, complete units (Report parts on line 136.) <br> Automatic fire sprinklers, complete units and systems (Report parts on line 136.) | 33399986612 |  |  |  |
| 32 |  | 33399987636 |  |  |  |
| 33 | Presses, metal baling, complete units (Report parts on line 136.)Hydraulic jacks, complete units (Report parts on line 136.) . . . | 33399989863 |  |  |  |
| 34 |  | 33399989897 |  |  |  |
| 35 | Screwjacks, except automotive; complete units (Report parts on line 136.) | 33399989913 |  |  |  |
| 36 | Gas generating equipment, complete units (Report parts on line 136.)Lubricating systems, industrial, centralized and automaticFor pneumatic systems, sold separately (Corresponds to value ofshipments reported onClR Form MA333N, Fluid Power Products(Including Aerospace), for 2002)* | 33399985564 |  |  |  |
| 37 |  | 33399988808 |  |  |  |
| 38 | Other than for pneumatic systems, complete units (Report parts on line 136.) | 33399989830 |  |  |  |
| 39 | Compressed air and gas dryers (Corresponds to value of shipments reported on CIR Form MA333N, Fluid Power Products (Including Aerospace), for 2002)* | 33399988709 |  |  |  |
| 40 | Fluid power valves and hose fittings and assemblies (Corresponds to value of shipments reported on CIR Form MA333N, Fluid Power Products (Including Aerospace), for 2002)* | 332912 WYWW 2 |  |  |  |
| 41 | Fluid power cylinders and actuators (Corresponds to value of shipments reported on CIR Form MA333N, Fluid Power Products (Including Aerospace), for 2002)* | 333995 WYWW 6 |  |  |  |
| 42 | Fluid power pumps, motors, and hydrostatic transmission components (Corresponds to value of shipments reported on CIR Form MA333N, Fluid Power Products (Including Aerospace), for 2002)* | 333996 WYWW 4 |  |  |  |
| 43 | Steam, gas, and hydraulic turbines, and turbine generator set units; except aircraft, agricultural, and electrical (Report aircraft steam, gas, and hydraulic turbines, and turbine generator set units on line 45; farm windmill heads and towers for pumping water on line 60; and electrical on lines 139, 140, 141, 142, 143, and 144.) | 333611 OYWW 2 |  |  |  |
| 44 | Carburetors, pistons, piston rings, and engine intake and exhaust valves | 336311 WYWW 3 |  |  |  |
| 45 | Aircraft engines and aircraft engine parts | 336412 WYWW 9 |  |  |  |
| 46 | Gasoline engines (and parts) for automobiles, highway trucks, and buses | 336312 1YWV 5 |  |  |  |
| 47 | Other internal combustion engines and parts (Report electric motors and generators on lines 139, 140, 141, 142, 143, and 144.) | 333618 WYWW 4 |  |  |  |
| 48 | Gasoline service station pumps, including lubricating pumps and grease guns | 333913 OYWW 2 |  |  |  |
| 49 | Vacuum pumps (except laboratory; report those on lines 139, 140, 141, 142, 143, and 144.), air and gas compressors (except refrigeration; report those on line 85.); parts; and industrial spraying and dusting equipment (except for agricultural use; report similar agricultural equipment on line 60.) and parts | 333912 WYWW 1 |  |  |  |
| 50 | Other pumps and pumping equipment (except motor vehicle) . . . . . . . . . | 333911 WYWW 3 |  |  |  |
| CONTINUE WITH ON PAGE 13 |  |  |  |  |  |

## If not shown, please enter your 11-digit Census File

 Number (CFN) from the mailing address.
## DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued



DETAIL OF SALES，SHIPMENTS，RECEIPTS，OR REVENUE－Continued


If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

## DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued



DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued


If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued


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DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued


Not Applicable.

If not shown，please enter your 11－digit Census File
Number（CFN）from the mailing address．

## ESTABLISHMENT ACTIVITIES

A．Indicate activities that were performed by this establishment or were performed for this establishment by another company during 2002.
（Mark＂X＂ALL that apply．）

1．Product design／engineering
2．Order fulfillment
a．Bundling or kitting（combining multiple items into a prepackaged product）
b．Pick and pack（taking goods from inventory and packaging them to fill orders）．
c．Warehousing of finished products
d．Breaking bulk（reducing large shipments into smaller portions for customers）
e．Local delivery（within a city，town，or other local area， including adjoining towns and suburban areas）
f．Long distance delivery（beyond local areas and commercial zones）．
g．Processing of returned merchandise

| This activity was performed－ |  |  |  |
| :---: | :---: | :---: | :---: |
| By this establishment |  | By another company | Not at all |
| $0921 \square$ | $8071 \quad \square$ | $0941 \square$ | $0961 \square$ |
| ${ }_{0923} \square$ | $8072 \quad \square$ | $0943 \quad \square$ | ${ }_{0963} \square$ |
| ${ }_{0924} \square$ | ${ }_{8073} \square$ | 0944 | $0964 \square$ |
| $0925 \square$ | $8074 \quad \square$ | $0945 \square$ | $0965 \square$ |
| ${ }_{0} 0926$ | ${ }_{8075} \square$ | $0946 \square$ | $0966 \square$ |
| ${ }_{0927} \square$ | ${ }_{8076} \square$ | $0947 \square$ | ${ }_{0967} \square$ |
| ${ }_{0} 028$ 吅 | ${ }_{8077} \square$ | $0948 \quad \square$ | $0968 \square$ |
| $0932 \square$ | 8078 | $0952 \square$ | $0972 \square$ |

B．During 2002 did this establishment：
1．Manage inventory owned by this establishment AND held at this location？


3．Manage inventory owned by another company BUT held at this location？Yes


4．Manage inventory owned by another company AND held somewhere other than at this location？． 0994Yes


5．Contract with another firm for any of your production using materials owned by this location？



6．Send any partially completed products to a foreign facility for processing that were then returned to this establishment for completion？
Yes


7．Manufacture products for a government to their specifications？ 8047Yes


8．Manufacture products for another business to their specifications？ 8016Yes


9．Manufacture products for a final retail customer to their specifications？

OPERATIONAL STATUS
Activity that best describes this establishment's status at the end of 2002
(Mark "X" only ONE box.)

0011
$\square$ In operation

0012Under construction, 0014 development, or exploration

0015


Temporarily or seasonally inactive
Ceased operation - Give date at right $\longrightarrow$ 0018


Give date at right AND enter new name and mailing address below


0062 Mailing address (number and street, P.O. Box, etc.)


Remarks (Please use this space for any explanations that may be essential in understanding your reported data.)

CERTIFICATION - This report is substantially accurate and was prepared in accordance with the instructions.


Thank you for completing your 2002 Economic Census form.

