## ATTACHMENT D

Department of Commerce<br>United States Census Bureau<br>Annual Survey of Manufactures (ASM)<br>OMB Control No. 0607-0449<br>Draft Questionnaire Paths

Multiple-establishment Path - MA-10000
Single-establishment Path - MA-10000

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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

## 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
$\square$

Name 2

Number and Street

| City, town, village, etc. |  |
| :--- | :--- | :--- |
|  | State  <br> Select State or Territory  |

For Census Bureau Use Only
CFN

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# 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures 

```
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.?
YesNoNo legal boundariesDo not know

In what type of municipality is this establishment physically located?
City, village, or boroughTown or townshipOtherDo not know

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MA-10000 - Annual Survey of Manufactures

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 Internal Revenue Service Form 941, Employer's Federal Quarterly Tax Return?
Yes
No

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$$
2018 \text { Annual Survey of Manufactures (ASM) }
$$

Item 1: Employer Identification Number - Enter/Update EIN

## EIN: <br> Store / Plant:

CFN:
ITEM 1: EMPLOYER IDENTIFICATION NUMBER
What is this establishment's 9-digit Employer Identification Number (EIN) used on its latest Internal Revenue Service Form 941, Employer's Federal Quarterly Tax Return?

```
EIN
    99-9999999
```

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# 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures 

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 2018?
In operation
Under construction, development, or exploration
Temporarily or seasonally inactiveCeased operationSold 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?

| MMDDYYYY |
| :--- |
| MMDDYYYY |

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 |
|  |  |

```
EIN
    99-9999999
```

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# 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures 

Item 4: Months in Operation

EIN:
Store / Plant:
CFN:
ITEM 4: MONTHS IN OPERATION

What was the number of months in operation during 2018?


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# 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures 

```
General Reporting Guidelines
```

EIN:
Store / Plant:
CFN:

## GENERAL REPORTING GUIDELINES

## Reporting Period:

Responses should cover calendar year 2018.

- If your fiscal year covers at least 10 months of calendar year 2018, 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.


## Prior Year Data:

Where available, your establishment's Prior Year data is prelisted in the 2017 column.

- Check these figures and make any necessary corrections as needed.
- If 2017 Inventories figures are not prelisted, report these figures in the appropriate sections as instructed.


## 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 - DO NOT ENTER DATA
EXAMPLE - if a dollar figure is $\$ 2,036,355.25$, report 2036 :

## How to Report Percents:

Percents should be rounded to whole percents.
EXAMPLE - DO NOT ENTER DATA

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

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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

```
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 2018

Exdude:

- Freight charges
- Excise taxes
B. 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

Exdude:

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

| $\$$ | , 000.00 | $\$$ |  | , 000.00 |
| :--- | :--- | :--- | :--- | :--- |

C. 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-shipments 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 $\square$


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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

```
Item 7: Employment, Payroll, and Fringe Benefits Additional Information
```

EIN:
Store / Plant:
CFN:

ITEM 7: EMPLOYMENT, PAYROLL, AND FRINGE BENEFITS

## 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


## Exdude:

- Full- or part-time leased employees whose payroll was filed under an employee leasing company's EIN (Report values in Item 16, line C1.)
- Temporary staffing obtained from a staffing service (Report values in Item 16, line C1.)
- Purchased professional and technical services (Report values in Item 16, line C9.)
- 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 induding first-line supervisors) for the pay period including:


## Indude:

- 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)

|  | $\begin{aligned} & \text { Check } \\ & \text { if } \\ & \text { None } \end{aligned}$ | 2018 Number | 2017 Number |
| :---: | :---: | :---: | :---: |
| 1. March 12 (Q1)? | $\square$ |  |  |
| 2. June 12 (Q2)? | $\square$ |  |  |
| 3. September 12 (Q3)? | $\square$ |  |  |
| 4. December 12 (Q4)? | $\square$ |  |  |
| Sum of four quarters of production workers at this establishment (direct labor induding first-line supervisors) (Add lines A1 through A4.) | $\square$ |  |  |

B. What was the Average number of annual production workers at this establishment (direct labor induding first-line supervisors)? (Divide sum of four quarters of production workers by 4 and round to the nearest whole number.)
$\square$

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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

C. What was the number of all other (non production) employees at this establishment for the first quarter (January - March 2018)?

## 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

Exdude:

- Proprietors and partners, if an unincorporated concern
- Temporary staff and leased employees (Report values in Item 16, line C1.)

TOTAL (Add lines B and C.)


## 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?

## Exdude:

- 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.

E. PAYROLL

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

Exdude:

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



## 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


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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

## Exclude:

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

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

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

| $\$$ | , 000.00 | $\$$ |  | , 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.
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)


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

## Indude:

- 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.)


## Exdude:

- Disbursements from trusts or funds to satisfy health insurance claims

4. TOTAL (Add lines F1 through F3.)


\$
,000.00

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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

```
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:
A. Finished goods (final output of this establishment, but still within ownership)?
B. Work-in-process (goods that have been substantially transformed in the manufacturing process, but are not yet the final output of the establishment??

## Check if None


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??

TOTAL (Add lines A through C.)


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# 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures 

```
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, 2018 and the $\$, 000.00$ reported in Item 9 as the total value of inventories owned by this establishment as of December 31, 2017, how much is subject to the following valuation methods:
A. Non-LIFO (Last-In, First-Out) valuation methods


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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

Item 13: Capital Expenditures Additional Information

EIN:
Store / Plant:
CFN:

## ITEM 13: CAPITAL EXPENDITURES

## Include:

- Dollar value of capital expenditures
- 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 $\mathbf{2 2}$

What were the capital expenditures for new and used depreciable assets in 2018 for:
A. New and used buildings and other structures?

## Exdude:

- The value of land on which structures stand
B. New and used machinery and equipment?

1. Autom obiles, trucks, etc. for highway use?
2. Computers and peripheral data processing equipment?
3. All other expenditures for machinery and equipment?

TOTAL (Add lines A and B1 through B3.)



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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

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
B. Rental or lease of machinery and equipment?


## Include:

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


## Exdude:

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



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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

```
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 2018 for:

1. Materials, parts, containers, packaging, supplies, etc. used for manufacturing processes, repairs, services for others, or other operating supplies?

## Include:

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


## Exdude:

- 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 C.)


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

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).)

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

TOTAL (Add lines A1 through A5.)
B. For this establishment, what was the quantity of:

1. Purchased electricity? (Quantity comparable to cost reported in line A5)
2. Generated electricity (gross less generating station use)? (Quantity comparable to cost reported in line A4)
3. Electricity sold or transferred to other establishments? (Also include quantity on lines B1 and/or B2.)


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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

```
Item 16: Selected Expenses - Continued
```

EIN:
Store / Plant:
CFN:

## ITEM 16: SELECTED EXPENSES

C. What were the other operating expenses paid by this establishment in 2018 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

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

## Include:

- Copiers
- Fax machines
- Telephones
- Shop and lab equipment
- CPUs
- Monitors
- Laptops
- Tablets


## Exdude:

- Packaged software (Report on line C3.)
- Leased and rented equipment (Report in Item 14, line $B$.)

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

Exdude:

- Costs associated with computer software developed within your own company
- Capitalized computer software costs


| $\$$ | , 000.00 |
| :--- | :--- | :--- |

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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

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


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


## Exdude:

- Services provided by other establishments of this company (such as a separate central data processing unit)
- Expensed integrated systems (Report in line C4.)
- Repair and maintenance of computer equipment (Report on line C6.)
- Payroll processing and credit card transaction fees (Report payroll processing fees on line C9 and credit card transaction fees on line C4.)
- Expenses for telecommunication services (e.g., Internet, connectivity, telephone) (Report on line C4.)


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

## Indude:

- 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


## Exdude:

- 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


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# 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures 

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


## Exdude:

- 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


8. Purchased advertising and promotional services?

## Indude:

- Marketing and public relations services


## Exdude:

- Salaries paid to employees of this establishment for advertising work


| $\$$ | , 000.00 |
| :--- | :--- | :--- |

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)


## Exdude:

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

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

Include:

- Business and property taxes

Exdude:

- Income taxes

    - Purchases of merchandise for resale
    - Non-operating expenses
    - Other expenses reported in Items 7, 13, 14, and 16

| $\$$ | , 000.00 |
| :--- | :--- | :--- |


| $\$$ | , 000.00 |
| :--- | :--- | :--- |

11. All other operating expenses not reported elsewhere?

## Exclude: <br> Exclude:

- Non-operating expenses
- Other expenses reported in Items 7, 13, 14, and 16



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2018 Annual Survey of Manufactures (ASM)
MA-10000 - Annual Survey of Manufactures
Item 17: Principal Business or Activity

EIN:
Store / Plant:
CFN:

ITEM 17: PRINGIPAL BUSINESS OR ACTIVITY

Which ONE of the following best describes this establishment's principal kind of business or activity in 2018?
If none of the provided selections seem appropriate, provide a specific description of the primary business activity.
Select only ONE.

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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

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

EIN:
Store / Plant:
CFN:

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

Of the $\mathbf{\$ , 0 0 0 . 0 0}$ of Sales, Shipments, Receipts, or Revenue reported in Item 5, what was the value of 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.
The manufactured products and services listed below are generally made in your industry. If you make products or have revenue from sources not listed, click the "Add Product Not Listed" button and search for an existing product or use the section for "Add product(s) not listed above."

Manufacturing of Products - 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.


## Exdude:

- Wholesale 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 Wholesale products in any relevant prelisted product code, click the "add Product Not Listed" button and search for an existing Wholesale product or use the section for "Add product(s) not listed above."
- 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).
- Freight charged
- Excise taxes

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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

Item 28: Special Inquiries - Industrial Robots and Robotic Equipment

EIN:
Store / Plant:
CFN:

ITEM 28: SPECIAL INQUIRIES - INDUSTRIAL ROBOTS AND ROBOTIC EQUIPMENT

## INDUSTRIAL ROBOTIC EQUIPMENT

- Industrial robotic equipment (or industrial robots) are automatically controlled, reprogrammable, and multipurpose machines used in the industrial automated operations.
- Industrial robots may be mobile, incorporated into stand-alone stations, or integrated into a production line.
- An industrial robot may be part of a robotic cell (or work cell) or incorporated into another piece of equipment.
- Industrial robots are commonly used in operations such as welding, material handling, machine tending, dispensing, cleanroom, and pick and place.


## REPORTING INDUSTRIAL ROBOTIC EQUIPMENT

- Estimates are acceptable.
- In (A), report capital expenditures in 2018 for new and used industrial robotic equipment for this establishment. Include other one-time costs, including software and installation.
- In (B) and (C), report the number of industrial robots in operation at this establishment and purchased for this establishment in 2018.
- For robots purchased as part of a work cell or other integrated robotic equipment, it may not be possible to report the expenditures on only the robots. In this case, report the expenditures on the integrated robotic equipment.

Examples of operations industrial robotic equipment can perform may include:

- Palletizing
- Pick and place
- Machine tending
- Machine handling
- Dispensing
- Welding
- Packing/repacking

Exdude:

- Automated guided vehicles (AGVs)
- Driverless forklifts
- Automated storage and retrieval systems
- CNC machining equipment
A. What were the capital expenditures in 2018 for new and used industrial robotic equipment, including software, installation, and other one-time costs?


## Check <br> if None

| 2018 |  |
| :--- | :--- |
| $\$$ |  |

B. What was the number of industrial robots IN OPERATION at this plant in 2018?

If you are unable to provide the number of industrial robots IN OPERATION in 2018, please explain:
2018 Number

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Approval Expires: 11/30/2017

## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

C. What was the number of industrial robots PURCHASED for this plant in 2018?

If you are unable to provide the number of industrial robots PURCHASED in 2018, please explain:
$\square$

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# 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures 

Item 29: Burden Estimate

EIN:
Store / Plant:
CFN:

ITEM 29: BURDEN ESTIMATE

Approximately how long did it take to complete the survey for this location, including time spent reviewing instructions

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> 2018 Annual Survey of Manufactures (ASM)
> MA-10000 - Annual Survey of Manufactures

## Item 31: Remarks

EIN:
Store / Plant:
CFN:

ITEM 31: REMARKS (Optional - Enter remarks only if necessary)
Please use this space only for any explanations that may be essential in understanding your reported data. (Maximum length is 1,000 characters.)


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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

## ocation Information

$\square$
Name 1
$\square$

Name 2

Number and Street

## PHYSICAL LOCATION

Please update the physical location if needed.
(P.O. Box and rural route addresses are not physical locations.)


| City, town, village, etc. | State  <br>  Select State or Territory | ZIP Code |
| :--- | :--- | :--- |

For Census Bureau Use Only
CFN

| State |  |
| :--- | :--- |
| Select State or Territory |  |


| ZIP Code |
| :---: |
| $99999-9999$ |

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# 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures 

```
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.?
YesNoNo legal boundariesDo not know

In what type of municipality is this establishment physically located?
City, village, or boroughTown or townshipOtherDo not know

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MA-10000 - Annual Survey of Manufactures

Item 1: Employer Identification Number

## EIN: <br> Store / Plant:

CFN:

## ITEM 1: EMPLOYER IDENTIFICATION NUMBER

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

No

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$$
2018 \text { Annual Survey of Manufactures (ASM) }
$$

Item 1: Employer Identification Number - Enter/Update EIN

## EIN: <br> Store / Plant:

CFN:
ITEM 1: EMPLOYER IDENTIFICATION NUMBER
What is this establishment's 9-digit Employer Identification Number (EIN) used on its latest Internal Revenue Service Form 941, Employer's Federal Quarterly Tax Return?

```
EIN
    99-9999999
```

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# 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures 

Item 2: Ownership or Control

## EIN: <br> Store / Plant:

CFN:
ITEM 2: OWNERSHIP OR CONTROL
Is your company owned or controlled by another domestic company?
Yes
No

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# 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures 

Item 2: Ownership or Control - Voting Stock Validation

## EIN: <br> Store / Plant: <br> CFN: <br> ITEM 2: OWNERSHIP OR CONTROL - VOTING STOCK VALIDATION

Does another domestic company own more than 50 percent of the voting stock of your company?

No

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# 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures 

Item 2: Ownership or Control - Management and Policy

## EIN: <br> Store / Plant: <br> CFN: <br> ITEM 2: OWNERSHIP OR CONTROL - MANAGEMENT AND POLICY

Does another domestic company have the power to control the management and policies of your company?
Yes
O No

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MA-10000 - Annual Survey of Manufactures

Item 2: Ownership or Control - Percent of Voting Stock Held

## EIN: <br> Store / Plant:

CFN:

## ITEM 2: OWNERSHIP OR CONTROL - PERCENT OF VOTING STOCK HELD

What percent of voting stock was held by the owning or controlling company?
Less than $50 \%$

- $50 \%$


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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

Item 2: Ownership or Control - Company Information

EIN:
Store / Plant:
CFN:
ITEM 2: OWNERSHIP OR CONTROL - COMPANY INFORMATION
What is the name, address, and 9-digit Employer Identification Number (EIN) of the owning or controlling company?
Name of owning or controlling company

Home office address (Number and street)
City, town, village, etc.

| State |  |
| :--- | :--- |
| Select State or Territory |  |

EIN
99-9999999

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# 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures 

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 2018?
In operation
Under construction, development, or exploration
Temporarily or seasonally inactiveCeased operationSold 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?

| MMDDYYYY |
| :--- |
| MMDDYYYY |

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 |
|  |  |

```
EIN
    99-9999999
```

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# 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures 

Item 4: Months in Operation

EIN:
Store / Plant:
CFN:
ITEM 4: MONTHS IN OPERATION

What was the number of months in operation during 2018?

| Check <br> if <br> if <br> None |  |  |
| :--- | :--- | :---: |
| $\square$ | 2018 |  |
|  |  |  |

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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

```
Consolidating Data for Multiple Locations
```


## EIN: <br> Store / Plant:

CFN:

## CONSOLIDATING DATA FOR MULTIPLE LOCATIONS

If multiple physical locations (establishments) operate under EIN, report on a consolidated basis (sum the total of each location and combine) for:

- Item 5: Sales, Shipments, Receipts, or Revenue
- Item 7: Employment, Annual Payroll, and First Quarter Payroll
- Item 22: Detail of Sales, Shipments, Receipts, or Revenue

Other Item Questions should be reported individually for just this location.

- At the end of the Survey, after Remarks, Item 32: Number of Establishments will ask for the number of locations operated under this EIN. Please provide information for each establishment individually.
- Name, Store/Plant, Address, Kind of Business
- Number of Employees; Annual Payroll; First Quarter Payroll; Sales, Shipments, Receipts, or Revenue

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# 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures 

```
General Reporting Guidelines
```

EIN:
Store / Plant:
CFN:

## GENERAL REPORTING GUIDELINES

## Reporting Period:

Responses should cover calendar year 2018.

- If your fiscal year covers at least 10 months of calendar year 2018, 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.


## Prior Year Data:

Where available, your establishment's Prior Year data is prelisted in the 2017 column.

- Check these figures and make any necessary corrections as needed.
- If 2017 Inventories figures are not prelisted, report these figures in the appropriate sections as instructed.


## 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.
Dollar figures should be rounded to thousands of dollars.
EXAMPLE - if a dollar figure is $\$ 2,036,355.25$, report 2036 :
EXAMPLE - DO NOT ENTER DATA
EXAMPLE - if a dollar figure is " 0 " (or less than $\$ 500.00$ ), check the None box:


EXAMPLE - DO NOT ENTER DATA
2018
39 \%

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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

```
Item 5: Sales, Shipments, Receipts, or Revenues 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 2018

Exdude:

- Freight charges
- Excise taxes

B. What percent of the $\$, 000.00$ reported in Item $\mathbf{5}$, line A was for goods that were ordered or whose movement was controlled or coordinated over electronic networks?
(Report whole percent.)
E-shipments 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
$\square$

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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

```
Item 7: Employment, Payroll, and Fringe Benefits Additional Information
```

EIN:
Store / Plant:
CFN:

ITEM 7: EMPLOYMENT, PAYROLL, AND FRINGE BENEFITS

## 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


## Exdude:

- Full- or part-time leased employees whose payroll was filed under an employee leasing company's EIN (Report values in Item 16, line C1.)
- Temporary staffing obtained from a staffing service (Report values in Item 16, line C1.)
- Purchased professional and technical services (Report values in Item 16, line C9.)
- 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 induding first-line supervisors) for the pay period including:


## Indude:

- 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)

1. March 12 (Q1)?
2. June 12 (Q2)?
3. September 12 (Q3)?
4. December 12 (Q4)?
Sum of four quarters of production workers at this
establishment(direct labor induding first-line supervisors)
(Add lines A1 through A4.)

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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

C. What was the number of all other (non production) employees at this establishment for the first quarter (January - March 2018)?

## 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

Exdude:

- Proprietors and partners, if an unincorporated concern
- Temporary staff and leased employees (Report values in Item 16, line C1.)

TOTAL (Add lines B and C.)


## 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?

## Exdude:

- 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.

E. PAYROLL

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

Exdude:

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



## 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


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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

## Exclude:

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

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

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

| $\$$ | , 000.00 | $\$$ |  | , 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.
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)


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

## Indude:

- 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.)


## Exdude:

- Disbursements from trusts or funds to satisfy health insurance claims

4. TOTAL (Add lines F1 through F3.)


\$
,000.00

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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

```
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:
A. Finished goods (final output of this establishment, but still within ownership)?
B. Work-in-process (goods that have been substantially transformed in the manufacturing process, but are not yet the final output of the establishment??


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# 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures 

```
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, 2018 and the $\$, 000.00$ reported in Item 9 as the total value of inventories owned by this establishment as of December 31, 2017, how much is subject to the following valuation methods:
A. Non-LIFO (Last-In, First-Out) valuation methods


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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

Item 13: Capital Expenditures Additional Information

EIN:
Store / Plant:
CFN:

## ITEM 13: CAPITAL EXPENDITURES

## Include:

- Dollar value of capital expenditures
- 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 $\mathbf{2 2}$

What were the capital expenditures for new and used depreciable assets in 2018 for:
A. New and used buildings and other structures?

## Exdude:

- The value of land on which structures stand


## Check if None

B. New and used machinery and equipment?

1. Automobiles, trucks, etc. for highway use?
2. Computers and peripheral data processing equipment?
3. All other expenditures for machinery and equipment?

TOTAL (Add lines A and B1 through B3.)


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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

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
B. Rental or lease of machinery and equipment?


## Include:

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


## Exdude:

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



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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

```
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 2018 for:

1. Materials, parts, containers, packaging, supplies, etc. used for manufacturing processes, repairs, services for others, or other operating supplies?

## Include:

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


## Exdude:

- 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 C.)


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

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).)

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

TOTAL (Add lines A1 through A5.)
B. For this establishment, what was the quantity of:

1. Purchased electricity? (Quantity comparable to cost reported in line A5)
2. Generated electricity (gross less generating station use)? (Quantity comparable to cost reported in line A4)
3. Electricity sold or transferred to other establishments? (Also include quantity on lines B1 and/or B2.)


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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

```
Item 16: Selected Expenses - Continued
```

EIN:
Store / Plant:
CFN:

## ITEM 16: SELECTED EXPENSES

C. What were the other operating expenses paid by this establishment in 2018 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

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

## Include:

- Copiers
- Fax machines
- Telephones
- Shop and lab equipment
- CPUs
- Monitors
- Laptops
- Tablets


## Exclude:

- Packaged software (Report on line C3.)
- Leased and rented equipment (Report in Item 14, line $B$.)

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

Exdude:

- Costs associated with computer software developed within your own company
- Capitalized computer software costs


| $\$$ | , 000.00 |
| :--- | :--- | :--- |

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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

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


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


## Exdude:

- Services provided by other establishments of this company (such as a separate central data processing unit)
- Expensed integrated systems (Report in line C4.)
- Repair and maintenance of computer equipment (Report on line C6.)
- Payroll processing and credit card transaction fees (Report payroll processing fees on line C9 and credit card transaction fees on line C4.)
- Expenses for telecommunication services (e.g., Internet, connectivity, telephone) (Report on line C4.)


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

## Indude:

- 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


## Exdude:

- 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


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# 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures 

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


## Exdude:

- 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


8. Purchased advertising and promotional services?

## Indude:

- Marketing and public relations services


## Exdude:

- Salaries paid to employees of this establishment for advertising work


| $\$$ | , 000.00 |
| :--- | :--- | :--- |

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)


## Exdude:

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

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

Include:

- Business and property taxes

Exdude:

- Income taxes

Exclude:
- Purchases of merchandise for resale
- Non-operating expenses
- Other expenses reported in Items 7, 13, 14, and 16

| $\$$ | , 000.00 |
| :--- | :--- | :--- |


| $\$$ | , 000.00 |
| :--- | :--- | :--- |

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2018 Annual Survey of Manufactures (ASM)
MA-10000 - Annual Survey of Manufactures
Item 17: Principal Business or Activity

EIN:
Store / Plant:
CFN:

ITEM 17: PRINGIPAL BUSINESS OR ACTIVITY

Which ONE of the following best describes this establishment's principal kind of business or activity in 2018?
If none of the provided selections seem appropriate, provide a specific description of the primary business activity.
Select only ONE.

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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

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

EIN:
Store / Plant:
CFN:

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

Of the $\mathbf{\$ , 0 0 0 . 0 0}$ of Sales, Shipments, Receipts, or Revenue reported in Item 5, what was the value of 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.
The manufactured products and services listed below are generally made in your industry. If you make products or have revenue from sources not listed, click the "Add Product Not Listed" button and search for an existing product or use the section for "Add product(s) not listed above."

Manufacturing of Products - 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.


## Exdude:

- Wholesale 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 Wholesale products in any relevant prelisted product code, click the "add Product Not Listed" button and search for an existing Wholesale product or use the section for "Add product(s) not listed above."
- 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).
- Freight charged
- Excise taxes

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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

Item 28: Special Inquiries - Industrial Robots and Robotic Equipment

EIN:
Store / Plant:
CFN:

ITEM 28: SPECIAL INQUIRIES - INDUSTRIAL ROBOTS AND ROBOTIC EQUIPMENT

## INDUSTRIAL ROBOTIC EQUIPMENT

- Industrial robotic equipment (or industrial robots) are automatically controlled, reprogrammable, and multipurpose machines used in the industrial automated operations.
- Industrial robots may be mobile, incorporated into stand-alone stations, or integrated into a production line.
- An industrial robot may be part of a robotic cell (or work cell) or incorporated into another piece of equipment.
- Industrial robots are commonly used in operations such as welding, material handling, machine tending, dispensing, cleanroom, and pick and place.


## REPORTING INDUSTRIAL ROBOTIC EQUIPMENT

- Estimates are acceptable.
- In (A), report capital expenditures in 2018 for new and used industrial robotic equipment for this establishment. Include other one-time costs, including software and installation.
- In (B) and (C), report the number of industrial robots in operation at this establishment and purchased for this establishment in 2018.
- For robots purchased as part of a work cell or other integrated robotic equipment, it may not be possible to report the expenditures on only the robots. In this case, report the expenditures on the integrated robotic equipment.

Examples of operations industrial robotic equipment can perform may include:

- Palletizing
- Pick and place
- Machine tending
- Machine handling
- Dispensing
- Welding
- Packing/repacking

Exdude:

- Automated guided vehicles (AGVs)
- Driverless forklifts
- Automated storage and retrieval systems
- CNC machining equipment
A. What were the capital expenditures in 2018 for new and used industrial robotic equipment, including software, installation, and other one-time costs?


## Check if <br> if None

B. What was the number of industrial robots IN OPERATION at this plant in 2018?

If you are unable to provide the number of industrial robots IN OPERATION in 2018, please explain:

## Do Not Submit - For Informational Purposes ONLY

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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

C. What was the number of industrial robots PURCHASED for this plant in 2018?

If you are unable to provide the number of industrial robots PURCHASED in 2018, please explain:
$\square$

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# 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures 

Item 29: Burden Estimate

EIN:
Store / Plant:
CFN:

ITEM 29: BURDEN ESTIMATE

Approximately how long did it take to complete the survey for this location, including time spent reviewing instructions

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$$
2018 \text { Annual Survey of Manufactures (ASM) }
$$

```
Item 31: Remarks
```

EIN:
Store / Plant:
CFN:

ITEM 31: REMARKS (Optional - Enter remarks only if necessary)
Please use this space only for any explanations that may be essential in understanding your reported data. (Maximum length is 1,000 characters.)


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| :--- |
| $\qquad 2018$ Annual Survey of Manufactures (ASM) |
| MA-10000-Annual Survey of Manufactures |
| Item 32: Number of Establishments |

EIN:
Store / Plant:
CFN:

ITEM 32: NUMBER OF ESTABLISHMENTS

How many establishments operated under EIN at the end of 2018?

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## 2018 Annual Survey of Manufactures (ASM) <br> MA-10000 - Annual Survey of Manufactures

Item 32: Number of Establishments - Establishment Information

EIN:
Store / Plant:
CFN:

ITEM 32: NUMBER OF ESTABLISHMENTS - ESTABLISHMENT INFORMATION


Describe kind of business at this location

For employees that worked at more than one location, report the employment and payroll data for employees at the ONE location where they spent most of their working time.


What was the annual payroll?

What was the first quarter payroll (January - March 2018)?

What were the sales, shipments, receipts, or revenue?


