N15251

Chicago Sales Recap - 1977

Sales Price	Product Number	014 Customers	Dis cust 141	Pub whse Cust 617	Pub whse Cust 719	Warren 496	Cus 599	BB 463	WI 779		Inv. Cost $		Cust Sales $	Total
.432	95345-01	294150	44500										146297	338.65
.416	95345-02	1249800											519917	1249.80
.451	95345-05	36000	8000										19844	44.00
.365	95345-06	1095150	33000	132000									459955	1260.15
.394	95345-09	432000											170208	432.00
.442	95345-13	24200											10696	24.20
.420	95345-14	40000		2000									17640	42.00
.447	95348-03	478221		102000									259359	580.22
.416	95348-04	71800											29869	71.80
.452	95348-05	243050		16000									117091	259.05
.468	95348-06	94300											44132	94.30
.492	95348-07	981100	2000	126000	88000								588973	
.469	95348-08	4500											2111	
.524	95348-10	90800											47579	90.80
.423	95348-11	5500											2327	5.50
.516	95348-16	87600											45202	87.60
.488	95348-17	307550											150084	307.55
.428	95348-18	2000											856	2.00
.545	95348-19	50100				2000							27305	51.10
.825	95349-01	95900											79118	95.90
.794	95349-02	163350		27000									151138	190.35
	95349-03	1800					(1800)						—	—
.619	95350-01	279450		56000									207644	335.45
	~~95350-01~~													
.437	95350-03	170050											74652	170.05
.655	95350-05	75950						(4440)			(1972)		49747	71.51
.596	95350-09	56500											33674	56.50
.493	95350-10	555900											274059	555.90
.652	95350-11	5000											3260	5.00
.710	95350-12	64050											45476	64.05
		7055771	87500	461000	88000	2000	(1800)	(4440)						768803
.348	95369-01	688400						18000	3889000		1177961		239843	4595.40
.328	95369-03	883400											289755	883.40
		1571800						18000	3889000					5478.80

CY-RI 006421

Form MC-28A (Rev.)

$ 891 1626

Item 19 FORCE ACCOUNT CONSTRUCTION WORKERS

Report the number and gross earnings of employees on the payroll of this establishment engaged in construction of major additions or alterations to the plant and utilized as a separate work force. Workers engaged in regular maintenance and repair operations should not be included.

	892 Number	893 Millions	Thousands	Dollars
1. Number of employees. These employees should also be included in the figures reported in item 2	0			
2. Gross earnings paid in the calendar year. These earnings should also be included in the figures reported in item 3A		000	000	000
		$	0	

Items 20 and 21 – Not applicable to this form

Remarks – *Please use this space for any explanation 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	Telephone: Area code	Number	Extension	Period covered → From: Mo.	Day	Year	To: Mo.	Day	Year
Address – Number and street				Signature of authorized person					
City	State		ZIP code	Title			Date		

CY-RI 006420

Form MC-28A (Rev.) U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

PLEASE ENTER THIS ESTABLISHMENT'S 11-DIGIT CENSUS FILE NUMBER

1977 CENSUS OF MANUFACTURES

INDUSTRIAL INORGANIC CHEMICALS (EXCEPT INDUSTRIAL GASES) – Continued

Name of establishment (Same as address box)

Item 18 ▶ PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1977 – Continued

Line number	Products and services * Item corresponds to products reported on Current Industrial Reports or International Trade Commission Schedules (A)	Census product code 001 (B-1)	Unit of measure for quantities (B-2)	Quantity produced for all purposes 002 (C)	Products shipped and other receipts: Quantity 003 (D)	Value, f.o.b. plant (E): 004 Millions	Thousands	Dollars
	INORGANIC PIGMENTS (Report reduced colors on C-P. basis on lines 22–30)							
22	Titanium pigments, composite and pure (100% TiO_2)	28161 11 5				$		
23	**OTHER WHITE OPAQUE PIGMENTS** (28162) — White lead, basic carbonate and sulfate, excluding white lead in oil	28162 13 9	Short tons	14590	1583	5 [illegible]		
24	Zinc oxide pigments — Lead-free zinc oxide	28162 21 2						
25	Zinc oxide pigments — Leaded zinc oxide	28162 25 3						
26	All other white opaque pigments, including antimony oxide, lithopone, and pure zinc sulfide – *Specify kind*	28162 98 0						
27	**CHROME COLORS AND OTHER INORGANIC PIGMENTS** (28163) — Chrome colors (corresponds to the sum of codes 2816311–2816319 as reported on Census Form MA-28E.1, Shipments and Production of Inorganic Chemicals for 1977)*	28163 19 3						
28	White extender pigments, including barytes, blanc fixe, and whiting	28163 27 7	Short tons					
29	Color pigments other than chrome colors and lakes and toners — Iron oxide pigments	28163 31 9						
30	Colored lead pigments — Red lead	28163 45 8						
31	Colored lead pigments — Litharge	28163 49 9						
32	Iron blues (prussian blue, milori blue, etc.)	28163 51 7						
33	Pearl essence	28163 61 6						
34	Carbon blacks (bone and lamp), excluding furnace and channel carbon black and charcoal – *Specify kind*	28163 88 9	Thousands					
35	Cadmium sulfide pigments	28163 89 7						
36	Ceramic colors – *Specify chemical composition*	28163 91 3						
37	Copper oxide pigments	28163 99 8						
38	All other color pigments, n.e.c. — Containing lead	28163 94 7						
39	All other color pigments, n.e.c. — Not containing lead	28163 96 2						
40	Reflective antifreeze preparations, permanent type	28995 13 5	Gallons					
41	Natural gas liquids (natural gasoline, plant condensate, liquefied petroleum gases, ethane, isopentane, and drip from lines)	13212 01 4	Thousand barrels					

Line number	Products and services * Item corresponds to products reported on Current Industrial Reports or International Trade Commission Schedules (A)	Census product code 001 (B-1)	Corresponds to 1977 International Trade Commission Chemical Report, Section – (B-3)	Products shipped and other receipts, including interplant transfers: Quantity 003 (D)	Value, f.o.b. plant (E): 004 Millions	Thousands	Dollars	Transfers to other plants of your company: Value, f.o.b. plant (G): 005 Millions	Thousands	Dollars
42	Cyclic (coal tar) intermediates, total*	28633 11 3	III							
43	Synthetic organic pigments, lakes, and toners, total*	28653 11 1	V							
44	Miscellaneous end-use chemicals and chemical products (excluding urea) total*	28696 11 0	XIV							
45	Miscellaneous cyclic and acyclic chemicals and chemical products, total*	28697 13 4	XV							
46	**SYNTHETIC ORGANIC CHEMICALS, N.E.C.** (28693) — Plasticizers*	28693 51 3	XI							
47	All other synthetic organic chemicals, n.e.c. – *Specify kind*	28693 99 9								
48	Pesticides and other synthetic organic agricultural chemicals, except preparations – *Report preparations on lines 80–83.**	28694 11 5	XII							
49	Thermoplastic resins and plastics materials (including resins for protective coatings (28213)*	28213 00 7	VII							
50	**ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT** — *Describe and report separately for each product whose value was $50,000 or more and not listed above – Specify unit of measure for quantity*									
51										
52										
53										
54										
55	*Report a single total value for your remaining products not listed above.*	77777 00 1								
56	**CONTRACT WORK** — Receipts for work done for others on their own materials... *Describe products worked on and kind of work.*	93000 00 8								
57	**MISCELLANEOUS RECEIPTS** — Sales of scrap and refuse	99980 13 8								
58	Receipts for research and developmental work	99980 41 9								
59	Other miscellaneous receipts (including receipts for repair work, etc.)	99980 98 9								
60	**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 60.	99980 00 6								
61	**TOTAL** Sum of items on lines 1 (B) column (E) ▶	99980 00 6			$			$		

CY-RI 006419

Item 17B ▶ CONSUMPTION OF SELECTED MATERIALS DURING 1977 – Continued

Line number	Materials, parts, and supplies (A)		Census material code 571 (B-1)	Unit of measure for quantities (B-2)	Basis (B-3)	Quantities produced and consumed 572 (C-1)	Materials purchased and consumed: Quantity 573 (C-2)	Materials purchased and consumed: Cost, including delivery cost (freight-in) (D) 574 Millions 000	Thousands 000	Dollars 000	If you consumed less than $10,000 of the item, enter (X) 575 (E)
33	OTHER PARTS, MATERIALS AND ACCESSORIES	Parts and attachments for machinery and equipment	355931 9					$			
34		Paperboard boxes and containers	265001 8						54		
35		Metal containers	340001 7								
36	Cost of all other materials and components, parts, containers, and supplies consumed, including those values checked in column (E) ..... Describe the three principal materials, etc., included in this value. Resin, Lead, Calcium Hydroxide, Calcium Stearate		970099 8						3	640	
37	TOTAL Sum of lines 1–36 should be same as Item 5a. ▶							$	3	717	

Item 18 ▶ PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1977

Instructions - Please read

1. **GENERAL** – The products and services listed below are those that are generally made in your industry. Please review the entire list before completing the inquiry. If you produce products that are not prelisted, they should be described and reported in the "All other products" section at the end of Item 18. Please do not combine product lines.

   Products for which quantity data are requested should be reported in the unit of measure specified.

   If your book records do not contain information as requested, reasonable estimates are acceptable.

2. **VALUATION OF PRODUCTS** – The value of the products shipped and services performed should be based on the net selling value, f.o.b. plant, after discounts and allowances, and exclusive of freight charges and excise taxes.

   When transferring products to other establishments within your company, the shipping plant 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. **PRODUCTS BOUGHT AND SOLD WITHOUT FURTHER MANUFACTURE** – Products which you purchase and sell as originally purchased (not used in the further manufacturing, processing, or assembling of products made in this establishment) are reported as "Resales," Census product code 99989 00 8.

4. **CONTRACT WORK**

   a. *Products made by others for you from your materials:* Report such products as the specific lines of this section as if they were made in this establishment.

   b. *Products that you made from materials owned by others:* Report the amount that you received for "commission or contract receipts" on line 56, Census product code 93000 00 8. Do not report on the specific product lines for these products.

5. **DETAILED DATA REPORTED ELSEWHERE** – This report requires totals for groups of products covered in more detailed Current Industrial Reports (CIR) and International Trade Commission (ITC) schedules. If you report on the CIR or ITC forms, the value of shipments for items designated by an asterisk should approximate the sum of the detail reported on these forms.

   a. *Current Industrial Reports (CIR)* – The groupings of inorganic chemicals for which shipment values are to be reported on lines 1–21, 27 below correspond to totals of groups of products covered in more detail on annual and monthly Bureau of the Census "Current Industrial Reports" surveys for 1977. The related report of the Current Industrial Reports is shown in column (B-3), and the related product codes in column (B-4). Report the total value of these lines in column (E).

   b. *International Trade Commission Schedules* – The groupings of synthetic organic chemicals for which shipment values are to be reported on lines 42–49 below, correspond to similar classification groupings for which data are collected by the International Trade Commission. The related Section of the *Instructions for Preparation of Trade Commission Report* is shown in column (B-3). Commercial sales reported for this plant (column (E)) minus column (G)) for each product grouping when combined with shipments for other plants of your company should, in most instances, approximate the sales figures reported to the International Trade Commission.

   NOTE – Detail breakdowns for lines 44 and 45 reflect revisions to the U.S. International Trade Commission schedule, "Synthetic Organic Chemicals," sections XIV and XV, as introduced for 1976.

6. **SPECIAL INSTRUCTIONS** – Column (E), Lines 42–49 – Do not include chemicals produced and used at this plant in the manufacture of such products as antifreeze, pesticidal preparations, etc. Products shipped as antifreeze, pesticidal preparations, etc., should be reported in column (E) on the specified preprinted product lines or, if not separately listed, on lines 50–54.

Line number	Products and services * Item corresponds to products reported on Current Industrial Reports or International Trade Commission Schedules (A)		Census product code 581 (B-1)	Corresponds to the sum reported in 1977 on – Census form (B-3)	Codes (B-4)	Products shipped and other receipts: Value, f.o.b. plant (E) 584 Millions 000	Thousands 000	Dollars 000
1	ALKALIES AND CHLORINE	Chlorine, compressed or liquefied*	28121 00 2	MA-28E.1	2812111–2812119	$		
2		Sodium carbonate (soda ash)*	28122 00 0	MA-28E.1	2812251–2812259			
3		Sodium hydroxide (caustic soda)*	28123 00 8	MA-28E.1	2812351–2812377			
4		Other alkalies*	28124 00 6	MA-28E.1	2812421–2812490			
5	INDUSTRIAL INORGANIC CHEMICALS, N.E.C.	Chlorine and other inorganic bleaching compounds (except household bleaches) – Calcium hypochlorite (high test)*	28199 11 5	MA-28E.1	2819941			
6		Other industrial bleaches*	28199 15 6	MA-28E.1	2819994–2819995			
7		Sulfuric acid*	28193 00 1	MA-28B	2819511–2819551			
8		Inorganic acids, except nitric, sulfuric, and phosphoric*	28194 10 8	MA-28E.1	2819411–2819471, 2819489			
9		Aluminum oxide*	28195 00 6	MA-28E.1	2819511			
10		Other aluminum compounds*	28196 00 4	MA-28E.1	2819611–2819687			
11		Potassium and sodium compounds (except bleaches, alkalies, and alums)*	28197 00 2	MA-28E.1	2819713–2819798			
12		Chemical catalytic preparations*	28198 00 0	MA-28E.1	2819811			
13		Other inorganic chemicals, n.e.c.*	28199 30 5	MA-28E.1	2819901–2819998			
14	INDUSTRIAL GASES	Acetylene*	28132 00 8	MA-28E.2	2813200			
15		Carbon dioxide*	28133 00 7	MA-28E.2	2813311–2813351			
16		Nitrogen*	28135 00 2	MA-28E.2	2813500			
17		Oxygen*	28136 00 0	MA-28E.2	2813600			
18		Other elemental gases, and compressed and liquefied gases, n.e.c. (including argon and hydrogen)*	28137 00 8	MA-28E.2	2813711, 2813715, 2813720, 2813790, 2813771, 2813798			
19	Household liquid bleaches (sodium hypochlorite, etc.)*		28422 43 4	MA-28E.1	2819243			
20	Phosphoric acid*		28741 00 7	MA-28E.1	2874181–2874187			
21	[illegible]							

Form MC-28A (Rev.) U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

1977 CENSUS OF MANUFACTURES

INDUSTRIAL INORGANIC CHEMICALS (EXCEPT INDUSTRIAL GASES) – Continued

PLEASE ENTER THIS ESTABLISHMENT'S 11-DIGIT CENSUS FILE NUMBER ▶ 81200300023

Name of establishment (Same as address box)

American Cyanamid Co.

Item 17A ▶ WATER USE DURING 1977

340

1. What was the total quantity of water intake for this establishment for use in the production process and auxiliary operations (such as cooling and condensing, sanitary services, and boiler feed) during the calendar year 1977?

Mark (X) one box only

1 ☐ Under 1 million gallons
2 ☐ 1–9 million gallons
3 ☒ 10–19 million gallons
4 ☐ 20–49 million gallons
5 ☐ 50–99 million gallons
6 ☐ 100 million gallons or over

2. Did you recirculate any water during the calendar year 1977? ..... 1 ☐ YES 2 ☒ NO

340

Item 17B ▶ CONSUMPTION OF SELECTED MATERIALS DURING 1977

Instructions - Please read

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 18. Please review the entire list and report separately for each item consumed. The materials, parts, and supplies consumed at this establishment which are not preprinted should be described and reported in the "All other materials, etc." line at the end of this section. If your consumption of a listed material is valued at less than $10,000, enter an (X) in column (E) and include the value with "All other materials, etc." Census material code 970099 8.

   If your book records do not contain information as requested, 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. This includes purchases, transfers from other establishments of your company, and withdrawals from inventories.

   Materials transferred to you from other plants within your company should be assigned their full economic value, as assigned by the shipping plant, plus cost of freight and handling charges.

3. **CONTRACT WORK** – Materials purchased for use by others making products for you on a contract basis should be included. Amounts paid to other companies for such contract work should be reported in item 5a, and should include freight in and out. Materials owned by others but used at this establishment in making products for others under contract or on commission should be excluded.

4. **MATERIALS PRODUCED AND CONSUMED** – Materials, parts, and supplies which are produced and consumed in the same establishment in the manufacture of products should be reported in column (C-1). Please report only the quantities of those materials produced and consumed. If the specific input materials used to produce these items are listed, the quantity and value should be reported in columns (C-2) and (D). If not, the cost should be included in the "All other materials, etc." line, Census material code 970099 8.

Line number	Materials, parts, and supplies (A)		Census material code 971 (B-1)	Unit of measure for quantities (B-2)	Basis (B-3)	Quantities produced and consumed 972 (C-1)	Materials purchased and consumed: Quantity 973 (C-2)	Cost, including delivery cost (freight-in) (D): Millions 974	Thousands	Dollars	If you consumed less than $10,000 of the item, enter (X) 975 (E)
1	ACIDS, EXCEPT SPENT ACIDS	Hydrochloric acid	2819449	Short tons	100% HCl			8			
2		Hydrofluoric acid	2819466		100% HF						
3		Nitric acid	2873115		100% HNO_3						
4		Phosphoric acid	2874105		100% P_2O_5						
5		Sulfuric acid	2819315		100% H_2SO_4		19				
6	Ammonia, synthetic, anhydrous		2873123		100% NH_3						
7	Chlorine		2812213		100% Cl						
8	Phosphorus, elemental		2819969		Technical						
9	Sodium carbonate (soda ash)		2832287		58% Na_2O						
10	Sodium hydroxide (caustic soda)		2832396		100% NaOH						
11	Acetylene and other industrial gases compressed and liquefied, including argon, carbon dioxide, nitrogen, nitrous oxide, etc.		2813012					23			
12	Salt in brine		2899110	Short tons							
13	Alcohol, ethyl (pure and denatured)		2869527								
14	Other alcohols, including amyl, butyl, methyl, and propyl		2869976	Thousand gallons							
15	Aniline		2865111		100%						
16	Toluene and xylene		2865194		100%						
17	Formaldehyde		2869238	Thousand pounds	100% HCHO						
18	Butadiene		2911675		100%						
19	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc., but excluding plastics sheets, rods, and other shapes		2821649								
20	CRUDE MATERIALS	Bauxite	1051019	Short tons							
21		Phosphate rock	1475013	Short tons							
22		Pyrites	1479083	Long tons							
23		Sulfur	1477017	Long tons							
24		Sulfuric acid sludge (decomposition acid)	2819324	Short tons							
25		Zinc and zinc-base alloy refinery shapes	3335483	Short tons							
26		Iron and ferrous alloy ores, including tungsten, chromite, manganese, molybdenum, and cobalt	1001872								
27		Nonferrous metal ores, including copper, mercury, vanadium, titanium, platinum, etc.	1002870								
28		Crude nonmetallic minerals, including limestone, clay, gypsum, talc, etc., but excluding crude chemical nonmetallic minerals	1409974								
29		Crude chemical nonmetallic minerals, including barite, borate, potash, fluorspar, rock salt, etc., but excluding phosphate rock and pyrites	1470079								
30	USED AS RAW MATERIALS	Coke, including breeze	3312189	Short tons							
31		Natural gas (Do not report fuel or energy use)	1311521	Million cu. ft.							
				Thousand							

ITEM 12 — Purchased fuels used for heat, power, and generating electricity in 1977

Kind of fuel (a)	Code (b)	Unit of measure for quantities (c)	1977 Quantity (d)	1977 Cost, including delivery cost (freight-in) (e) Mil.	Thou.	Dols.	Unit cost calculation: Calculated unit cost (f)	Usual range of unit costs (Please explain unusual figures in remarks) (g)
1. Coal	121005 3	Short ton					$ per ton	$10–$90 per ton
2. Coke (including breeze)	3312105	Short ton					per ton	40–150 per ton
3. Distillate fuel oil (#'s 1, 2, 4, and light diesel)	2911410	Bbl. (42 gal.)	1149		22		19.15 per bbl.	5–25 per bbl.
4. Residual fuel oil (#'s 5, 6, and heavy diesel)	2911519	Bbl. (42 gal.)					per bbl.	5–25 per bbl.
5. Natural gas	3311570	1,000 cu. ft.	24186		65		2.69 per MCF	0.25–4.00 per MCF
6. Other fuels — Specify kind	9600115							
7. TOTAL COST OF FUELS (Should equal cost shown in item 9c, page 1) →					87			

ITEM 13 — Method of valuation for inventories reported for 1977 in item 7

Using the inventory total reported for this establishment in item 7d for 1977, please indicate the breakdown of that total according to the inventory valuation methods shown.

- Cost method — Report amounts on lines 1a–f.
- Market basis always used — Report amounts on line 2b.
- Lower of cost or market — Report amounts valued at cost on lines 1a–f according to the applicable methods and the amount at market on line 2a.

Method of valuation (a)		Key	Amount at end of 1977 (b) Mil.	Thou.	Dols.
1. Cost	a. First-in, First-out (FIFO)	381			
	b. Last-in, First-out (LIFO)	382			
	c. Average cost	383			
	d. Specific or actual cost	384			
	e. Standard cost	385		402	
	f. Other — Specify	386			
2. Market	a. Market used for valuation because market lower than cost	387			
	b. Market always used for valuation	388			
TOTAL (Equals the total reported in item 7d for 1977) →		389		402	397

During the calendar year 1977 did you change the method of valuating the inventories that you reported for this establishment?

1 ☐ YES — Indicate the nature of the changes in remarks.

2 ☒ NO

ITEM 14 — Cost of purchased services (See Instruction Manual)

	Key	1977 Mil.	Thou.	Dols.
1. Repair of buildings and other structures	390		—	
2. Repair of machinery	391		36	
3. Cost of purchased communication services (telephone, telegraph, etc.)	392		9	

ITEM 15 — Breakdown of machinery and equipment expenditures by type reported in item 9b, col. d (See instruction manual)

	Key	1977 Mil.	Thou.	Dols.
1. Automobiles, trucks, etc., for highway use	393		—	
2. Computers and peripheral data processing equipment	394		—	
3. All other expenditures for new machinery and equipment	395		281	
TOTAL (Should be the same as item 9b, column d) →			281	

ITEM 16A — Status of this establishment during 1977 (Be sure to indicate the date of any change.)

112 MARK (X) ONE BOX — Enter figures only: Mo. | Day | Year

1 ☒ No change in operator or operations
2 ☐ Reorganized — Complete report for full year and describe type of change in remarks.
3 ☐ Started new business (newly constructed or completely equipped when started)
4 ☐ Established was acquired or leased from another company
  ☐ Building only acquired
  ☐ Complete plant acquired (building, machinery, and equipment)
  Name of former operator — EI Number (8 digits)
4 ☐ Establishment closed (no new owner or operator), dismantled, abandoned, or destroyed on
5 ☐ Establishment idle or inactive but still owned
7 ☐ Estab[illegible] sold or leased to another company
  ☐ B
  ☐ C
  ☐ N
  (Building, machinery, and equipment)
  EI Number

Number and street, city, State, ZIP code

Number and street, city, State, ZIP code

ITEM 16B — Not applicable to this report.

ITEM 16C — CHECKS to assure a complete and accurate report

The Bureau of the Census reviews your report for omissions, inconsistencies, and unusual ratios. To save you future correspondence about these problems, please make the following checks before returning your report.

(1) Review the report carefully to see that no items are omitted for the year being covered.
(2) Calculate and enter figures for the four "reasonableness" checks below, and review the results.
(3) Correct your report for any errors you find and explain unusual figures in remarks.

For most manufacturing establishments, the figures computed usually fall within the ranges indicated.

"Reasonableness" checks	Calculation required for each check	Figures for survey year	Usual range
a. Average hourly wages per production worker	Item 3Aa (Production workers' wages) ÷ item 4a (Total hours worked)	4.03 $/hr.	$2 – $10
b. Hours worked per year per production worker	Item 4a (Total hours worked) ÷ item 2I (Average number of production workers)	1905 hrs./yr.	1000 – 3000
c. Salaries and wages per dollar of shipments	Item 3Ac (Total payroll) ÷ item 11A (Total value of shipments)	.08 ¢	05¢ – 95¢
d. Materials cost per dollar of shipments	Item 5I (Total materials cost) ÷ item 11A (Total value of shipments)	.71 ¢	05¢ – 95¢

e. Is the total for Value of Shipments (item 11A) greater than the sum for payroll (item 3Ac) plus total Cost of Materials, etc. (item 5I)? ☒ YES ☐ NO — Explain in remarks

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

CY-RI 006416

PENALTY FOR FAILURE TO REPORT — BY DUE DATE: 30 DAYS AFTER RECEIPT — Form Approved: O.M.B. No. 41-R2611

FORM MA-100(AU) — U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS

1977 ANNUAL SURVEY OF MANUFACTURES

MC-28A

INDUSTRIAL INORGANIC CHEMICALS (EXCEPT INDUSTRIAL GASES)

NOTE ▶ • This is the first sheet of the 1977 Census of Manufactures form • PLEASE READ INSTRUCTION MANUAL

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NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

RETURN TO: Bureau of the Census, 1201 East Tenth Street, Jeffersonville, Indiana 47132

110 | 111 | 201 TAB: 1 0 51 | 202 IND-Y: 2214493 | 203 AREA: 241400 | 204 INFL: 55 051 | 205 CCS: 0 1 0 0 | 206: 1041 A | 209: 0 0 0

In correspondence pertaining to this report refer to this Census File Number (11 digits) / Employer Identification Number

CEN A120050003 6 LA EI 13-0430890 ▼
54 00 281600 7 00100 28A
33 031 02 19 U 56
AMERICAN CYANAMID COMPANY
MAC GREGOR LEAD PLANT
4500 WEST FIFTEENTH ST
CHICAGO IL 60623

YOUR FILE COPY
•Please correct any error in name and address including ZIP code

ITEM 1A Physical Location — Complete a, b, and c.

a. Is this establishment located in the State, county, and place shown below? (If blank or incomplete, please complete (1) through (4).) 450: 1 ☐ YES — SKIP to part b; 2 ☐ NO — Correct or complete lines (1) through (4)

(1) Number and street: 4500 WEST FIFTEENTH ST
(2) City, village, or other place: CHICAGO — State: IL — ZIP code: 60623
(3) County: COOK — (4) If you corrected lines 1, 2, 3, give year moved to new location: 19__

b. Type of municipality indicated in 1A(2): 1 ☒ City; 2 ☐ Town; 3 ☐ Village; 4 ☐ Borough; 5 ☐ Township; 6 ☐ Unincorporated; 7 ☐ Other — Specify; 8 ☐ Don't know

c. Is this establishment located inside the legal boundaries of the city, town, village, etc., indicated in 1A(2)?
NOTE — The area served by a post office generally does not coincide with the legal boundaries of the municipality from which it takes its name.
1 ☒ Yes; 2 ☐ No; 3 ☐ No legal boundaries; 4 ☐ Don't know

ITEM 1B Employer Identification Number(s) — Is the Employer Identification (EI) Number printed in the upper right of the address box the SAME as that used for this establishment on its latest 1977 Employer's Quarterly Federal Tax Return, Treasury Form 941?
☐ YES ☐ NO — Enter current EI number → (13-digits) 100

ITEM 1C Organizational status 105: 1 ☐ Individual proprietorship; 2 ☐ Partnership; 3 ☐ Corporation (Do not mark if any form of cooperative association); 8 ☐ Cooperative association (corporate or non-corporate); 9 ☐ Other — Specify

NOTE ▶ Figures for dollars, man-hours, KWH should be rounded to thousands. However, you may enter figures to nearest dollars. Carefully enter your figures in the correct columns, e.g., if payroll is $1,125,628, report either ..... | Mil. 1 | Thou. 126 | Dols. | OR | Mil. 1 | Thou. 125 | Dols. 628

Complete each item, enter "0" when appropriate.

ITEM 2 — Number of employees

	Key	1977 Number	1976 Number
Number of production workers during pay period including the 12th of month: a. March	301	21	21
b. May	302	20	21
c. August	303	21	23
d. November	304	22	23
e. Sum of lines a–d	305	84	88
f. Average number (Divide line e by 4)	306	21	22
g. All other employees (pay period of March 12)	307	10	9
h. TOTAL f and g (Item 2) →	308	31	31

ITEM 3A — Annual payrolls

	Key	1977 Mil.	1977 Thou.	1977 Dols.	1976 Mil.	1976 Thou.	1976 Dols.
a. Production workers' wages	309		213			215	
b. All other salaries and wages	310		174			157	
c. TOTAL (Item 3A) →	311		387			372	

ITEM 3B — Employer's costs for fringe benefits (supplemental labor costs) (Exclude from items 3A and 3C)

	Key	1977 Mil.	1977 Thou.	1977 Dols.	1976 Mil.	1976 Thou.	1976 Dols.
a. Legally required including Social Security	312					27	
b. Payments for voluntary programs	313					52	
c. TOTAL (Item 3B) →	314					79	

ITEM 3C — First quarter payroll

	Key	1977 Mil.	1977 Thou.	1977 Dols.	1976 Mil.	1976 Thou.	1976 Dols.
Total payroll for the first quarter (Jan.–March)	315		111			86	

ITEM 4 — Plant hours worked by production workers

	Key	1977 Mil.	1977 Thou.	1977 Hours	1976 Mil.	1976 Thou.	1976 Hours
a. January through March	316		10			9	
b. April through June	317		10			10	
c. July through September	318		10			10	
d. October through December	319		10			10	
e. TOTAL (Item 4) →	320		40			39	

ITEM 5 — Cost of materials and services used

	Key	1977 Mil.	1977 Thou.	1977 Dols.	1976 Mil.	1976 Thou.	1976 Dols.
a. Cost of materials, parts, components, containers, etc., used	321	3	717		2	669	
b. Cost of products bought and sold as such	322						
c. Cost of fuels consumed for heat or power (See item 12)	323		87			81	
d. Cost of purchased electricity (See item 6)	324		68			67	
e. Cost of contract work done for you by others	325						
f. TOTAL (Item 5) →	326	3	872		2	817	

ITEM 6 — Quantity of electricity

	Key	1977 Mil.	1977 Thou.	1977 Units	1976 Mil.	1976 Thou.	1976 Units
a. Purchased electricity (quantity comparable to cost as reported in item 5d)	327	2	107		2	278	
b. Generated electricity (gross less generating station use)	328						
c. Electricity sold or transferred to other establishments	329						

ITEM 7 — Inventories of this establishment at end of year (Report both years)

	Key	1977 Mil.	1977 Thou.	1977 Dols.	1976 Mil.	1976 Thou.	1976 Dols.
a. Finished products	335		205		331	132	
b. Work-in-process	336		98		332	43	
c. Materials, supplies, fuels, etc.	337		99		333	43	
d. TOTAL (Item 7) →	338		402		334	218	

ITEM 8 — Depreciable assets, capital expenditures, and retirements

Refer to the instruction manual for detailed instructions.

(a)	Key	1977 Total (b) Mil.	Thou.	Dols.	Key	1977 Buildings and other structures (exclude land) (c) Mil.	Thou.	Dols.	Key	1977 Machinery and equipment (d) Mil.	Thou.	Dols.	1976 Total (e) Mil.	Thou.	Dols.
a. Gross value of depreciable assets (usually original cost) at beginning of year	341	1	354		339		525		340		835				
b. Capital expenditures for new buildings and machinery	346		282		342		1		343		291			20	
c. Capital expenditures for used buildings and machinery	347				348				344						
d. Retirements and disposition of depreciable assets (i.e., gross value of assets sold, retired, scrapped, destroyed, etc.)	353		37		351		29		352		8		XXX	XXX	XXX
e. Gross value of depreciable assets at end of year (should equal lines 8a + 8b + 8c − 8d)	356	1	601		354		495		355	1	106		1	356	
ITEM 9 — Depreciation charges for the year	350		83		357		20		358		63		XXX	XXX	XXX
ITEM 10 — Rental payments	362		8		360		—		361		8			8	

ITEM 11A — Total value of products shipped and other receipts

For 1977 report the total value of products shipped and other receipts as entered in item 10. This value should be completely comparable to the total reported for 1976. If the two figures are not comparable, please explain the reasons why in the remarks section. (Reporting by product class is not required for 1977.) →

Key	1977 Value (a) Mil.	Thou.	Dols.	1976 Value (b) Mil.	Thou.	Dols.
330	5	484		4	333	

ITEM 11B and 11C — These are breakouts of the total value of shipments reported in item 11A

ITEM 11B — Value of products exported — Report the value of products shipped for EXPORT. Include direct exports and products shipped to exporters or others for export. Do not include products shipped for further manufacture, assembly, or fabrication in the United States. 370: 1 ☒ $0–24,999; 2 ☐ $25,000 or more — Report the value of exports →

Key	1977	1976
371	—	117 / 102

ITEM 11C — Shipments to other domestic plants of your company — Report the value of products shipped to other domestic plants of your company for further assembly, fabrication, or manufacture. 375: 1 ☐ $0–24,999; 2 ☒ $25,000 or more — Report the value of intracompany transfers →

Key	1977	1976
376	1 350	1 102 / 117

CENSUS USE

CY-RI 006415