



MEASUREMENT, CONTROL & AUTOMATION ASSOCIATION

Industry Group Report Guidelines

January 2024

**Measurement, Control & Automation Association
Instruments and Accessories by Industry Group Guidelines**

Scope

The Instruments and Accessories by Industry Group Report (IGR) of the Measurement, Control & Automation Association statistical program provides each reporting company the total dollar volume by industry classification of orders booked for all industrial process measurement and control instruments, systems and services (without regard to the location of manufacture) that are booked in the United States or Canada. Report only the dollar figures which were reported in the Quarterly Products Report (QPR), thus making your company's grand total for the QPR equal to your IGR total. Examples of such products and services include:

- Instruments, elements, and all types of accessories and supplies.
- Data processing, telemetering, and digital and analog computing equipment for industrial process control.
- Products purchased for resale.
- Engineering and field services (including contact installation, and/or maintenance services).
- Repairs and replacement parts for above products.

Reporting Products and Services not Classified by Industry

Internal statistical collecting procedures of some reporting companies may not conveniently provide for the industrial classification of every product and service group mentioned above. Rather than exclude such product and service dollar volume from the filed report, companies should elect to use one of the following alternatives:

- a) Distribute the dollar volume of unclassified products and service proportional to the dollar volume distribution of classified products and services.
- b) Make best estimate, by group classification, if it is determined that proportional distribution is a significant distortion for one or more industry classifications. The important aspect of the IGR report is the full and consistent reporting of all products and services defined.

General Classification of Industries

The classification of industries is based on the information contained in the United States Standard Industrial Classification (SIC) Manual. IT gives detailed definitions of all industries by type of activity in which engaged.

For the IGR, an MCAA Group Number is assigned to designate SIC categories as shown on the following pages.

An establishment is defined in the SIC Manual as an economic unit which produces goods or services – for example, a factory, a mine, etc. In most instances, the establishment is at a single physical location and is engaged in one or predominantly one type of economic activity for which an industry code is applicable; therefore, each establishment (customer location) should be coded according to the major activity at that particular location.

The following information is offered for guidance in coding orders for this section:

- 1) Manufacturing and Mining – Plants and mines should be coded on the basis of the end-product being manufactured or mined at that location. For large multi-product plants, the principal end-product should be used.
- 2) Non-Manufacturing – Utilities and other services should be coded in accordance with the principal service being rendered at that location – such as an electrical power plant, water works, sewage disposal, warehouse, etc.; however, if these services are directly connected with an industrial plant, they should be coded according to the end-product of that plant.
- 3) Government – Any plant, mine or utility operated by, or for, the Federal, State or Local Government should be coded according to the end- products at that location as described above. Code all other Government facilities in Group 32.
- 4) Resale Customers – Orders to resale customers (including original equipment manufacturers (OEM), instrument manufacturers, contractors, dealers, etc. should be coded according to the end-product at the ultimate user location, not according to the end-product of the resale customer. A special group has been provided (Group 30) for use in coding resale orders when the ultimate user industry is unknown.

The following pages also provide further explanation for the groups marked with an asterisk (*).

Collecting Agent

All individual company bookings data will be collected and tabulated by:

MCAA
P.O. Box 2055
Poquoson, VA 23662
Phone/Fax: (757) 258-3100 x1004
Email: horton@themcaa.org

The data reported will conform to the standard MCAA reporting rule guidelines set forth for all other reports of this type. Namely, to avoid disclosure it is required that more than three companies report in a category before data will be released. In cases where only three companies submit data, the agent will also determine whether dominance on the part of any participant prohibits the release of data.

SUMMARY LIST OF INDUSTRY CLASSIFICATION GROUPS

Group Number	Industry	United States Standard Industrial Classification (SIC) Number	North American Industrial Classification Code (NAICS) Number
MANUFACTURING			
2	Food, beverage and tobacco products	D-20, 21	311,312
3	Textile mill products, apparel, leather and allied products	D-22, 23	313-316
4	Lumber and wood products	D-24, 25	321
5	Paper and allied products and printing and publishing	D-26, 27	322, 323, 511
6	Industrial and agricultural chemicals	D-281, 282, 286, 287	3251 – 3253
7	Pharmaceuticals, paint and all other chemicals	D-283, 284, 285, 289	3254-3256, 3259
	Petroleum and coal products (refineries and related industries)	D-29	324
9	Rubber and plastics products	D-30	326
10	Stone, clay, cement and glass products	D-32	327
14	Metal manufacturing-blast furnaces, foundries smelters, steelworks	D-33	331
16	Fabricated metal products, forging, stamping, hardware	D-34	332
17	Machinery – except electrical	D-35	333
18	Electrical and Electronic equipment	D-36	335
19	Transportation equipment (on roads and in water)	D-37	336 (Excludes 3364)
19a	Aerospace Product and Parts Manufacturing	D-37	3364
20	Instruments and related products	D-38	3345
MINING			
21	Mining of metal, coal, and all nonmetallic minerals	B-10, 11, 12, 14	212
22	Oil and Gas extraction	B-13	211
TRANSPORTATION AND UTILITIES			
24	Pipelines – except natural gas pipelines	E-46	486
25	Utilities (fossil, hydroelectric and other power)	E-49	221 (except 2212, 22131, 22132)
26	Nuclear power companies	E-491, 493, 496	221113
27	Natural gas companies and distribution systems, pipelines	E-492	2212, 4862
28	Water supply and irrigation	E-494, 497	22131
29	Sanitary services (waste disposal, sewage treatment, incinerator)	E-495	22132, 5622
ALL OTHERS			
30	All resale orders (OEM, VARs, instrument manufacturers, contractors, dealers) when ultimate user industry is unknown	—	—
31	Trade, financial and services	F, G, H, I	42, 44-45, 52-56, 61, 62, 71, 72, 81
32	All other industries not classified above	A, D, D-31, D-39, E-48	11, 23, 339, 51
33	All other orders where ultimate user is unknown or classification is not available to the reporting company	—	—

*See Industry Group Definition Sheet **1972 edition and NAIC 1998 edition

INDUSTRY GROUP DEFINITION

Group Number Definitions (only those groups requiring further explanation are included)

6 INDUSTRIAL AND AGRICULTURAL CHEMICALS

Includes: Industrial inorganic and organic chemicals, plastics, materials and synthetic resins, synthetic rubber, synthetic fibers (except glass), agricultural chemicals, fatty acids, fissionable materials and gum and wood chemicals.

Excludes: Chemicals made in petroleum refineries (see Group 8) and chemicals made at by-products coke oven plants (see Group 14)

7 PHARMACEUTICALS, PAINT, AND ALL OTHER CHEMICALS

Includes: Drugs, soap and detergents, perfumes and cosmetics, paints and varnishes, glue explosives, ink, carbon black and miscellaneous chemical products not elsewhere classified.

8 PETROLEUM AND COAL PRODUCTS (Refineries and related industries)

Includes: Chemicals made in petroleum refineries.

Excludes: Crude petroleum and natural gas production and natural gasoline plants (see Group 22)

17 MACHINERY – EXCEPT ELECTRICAL

Excludes: OEM resale orders. These orders should be coded for the industry group where the instruments will be ultimately used. If ultimate user industry is unknown, the order should be coded for Group 30.

18 ELECTRICAL AND ELECTRONIC EQUIPMENT

Excludes: OEM resale orders. These orders should be coded for the industry group where the instruments will be ultimately used. If ultimate user industry is unknown, the order should be coded for Group 30.

19 TRANSPORTATION EQUIPMENT MANUFACTURERS (on roads and in water)

Excludes: All orders for instruments which will be installed on ships, aircraft, submarines, railroad cars and trucks.

19a AEROSPACE PRODUCT AND PARTS MANUFACTURING

Includes: All orders for instruments which will be installed on aircraft and space vehicles.

20 INSTRUMENTS AND RELATED PRODUCTS

Excludes: Orders from instrument manufacturers for resale. The resale orders should be coded for the industry group where the instrument will be ultimately used. If ultimate user industry is unknown, the order should be coded for Group 30.

- 26 NUCLEAR POWER COMPANIES
Excludes: Industrial power plants (should be coded for the ultimate user industry group).
- 27 NATURAL GAS COMPANIES AND DISTRIBUTION SYSTEMS, PIPELINES
Includes: Natural gas transmission (pipelines), storage and distribution. Also coal gasification and the manufacture and distribution of SNG and LNG.
- 28 WATER SUPPLY AND IRRIGATION
Excludes: Industrial water treatment plants (should be coded for the ultimate user industry group)
- 29 SANITARY SERVICES (WASTE DISPOSAL, SEWAGE TREATMENT, INCINERATOR)
Excludes: Industrial waste plants (should be coded for the ultimate user industry group).
- 30 ALL RESALE ORDRS (OEM, INSTRUMENT MANUFACTURERS, CONTRACTORS, DEALERS) WHEN ULTIMATE USER INDUSTRY IS UNKNOWN
Includes: All orders sold for resale when the ultimate user industry is unknown.
Excludes: All order sold for resale when the ultimate user industry is known.
- 31 TRADE, FINANCIAL and SERVICES
Includes: Wholesale and retail stores and offices as inducers, financial and insurance institutions, commercial office buildings, hotels, hospitals, schools and colleges.
- 32 ALL OTHER INDUSTRIES NOT CLASSIFIED ABOVE
Includes: Agriculture, forestry, fisheries, communication services (telephone, radio, TV), leather, and leather products, and miscellaneous manufacturing industries.
Excludes: The manufacture of communication equipment such as telephone equipment, radio and TV broadcasting apparatus, and missile control systems which are classified as electrical equipment (see Group 18).