

# CERTIFICATE of ACCREDITATION

## PRODUCT CERTIFICATION

The **American National Standards Institute** hereby affirms that

**CSA Group**

8501 E. Pleasant Valley Road, Cleveland, OH 44131-5575, USA

**ACCREDITATION ID# 0195**

meets the ANSI accreditation program requirements and those set forth in  
ISO/IEC 17065:2012 Conformity assessment -- Requirements for Bodies certifying products, processes and service

### LIST OF CERTIFICATION SCHEME(S)

Product Certification Scheme  
Food Equipment Sanitation Program  
Drinking Water Quality Program  
Water Efficiency Program  
EPA WaterSense - WaterSense® Product Certification System

for programs within the following

### SCOPE OF ACCREDITATION

(Please see the following pages for the scope of accreditation)



ANSI VICE PRESIDENT, ACCREDITATION SERVICES

2018-03-01

VALID THROUGH



# PRODUCT CERTIFICATION CSA GROUP

ACCREDITATION ID# 0195

## LIST OF STANDARDS

- ANSI/NSF 2: Food Equipment
- ANSI/NSF 3: Commercial Spray-Type Dishwashing and Glasswashing Machines
- ANSI/NSF 4: Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transport Equipment
- ANSI/NSF 5: Water Heaters, Hot Water Supply Boilers, and Heat Recovery Equipment
- ANSI/NSF 7: Commercial Refrigerators and Storage Freezers
- ANSI/NSF 8: Commercial Powered Food Preparation Equipment
- ANSI/NSF 18: Manual Food and Beverage Dispensing Equipment
- ANSI/NSF 51: Food Equipment Materials
- ANSI/NSF 60: Drinking water treatment chemicals. Health effects
- ANSI/NSF 61: Drinking water system components. Health effects
- ANSI/NSF 169: Special purpose food equipment and devices
- ANSI/NSF 184: Residential Dishwashers
- ANSI/NSF 372: Drinking Water System Components - Lead Content

## SCOPE OF ACCREDITATION

GRANTED 2015-04-08:

EPA WaterSense

- High-Efficiency Flushing Urinals
- Tank-Type High-Efficiency Toilets
- High-Efficiency Lavatory Faucets
- Showerheads

GRANTED 2015-04-08:

- 13.040.01 Air quality in general
- 13.040.20 Ambient atmospheres
- 13.040.99 Other standards related to air quality

- 13.060.01 Water quality in general
- 13.060.20 Water quality in general
- 13.060.45 Examination of water in general
- 13.060.50 Examination of water for chemical substances
- 13.060.60 Examination of physical properties of water
- 13.060.70 Examination of biological properties of water
- 13.060.99 Other standards related to water quality

- 13.120 Domestic safety

GRANTED 2015-04-08:

- 13.220.01 Protection against fire in general
- 13.220.99 Other standards related to protection against fire
- 13.230 Explosion protection
- 13.240 Protection against excessive pressure
- 13.340.20 Head protective equipment
- 17.200.01 Thermodynamics in general
- 17.200.20 Temperature-measuring instruments
- 17.200.99 Other standards related to thermodynamics

# PRODUCT CERTIFICATION

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### SCOPE OF ACCREDITATION

GRANTED 2015-04-08:

19.040 Environmental testing

23.020.01 Fluid storage devices in general  
23.020.10 Stationary containers and tanks  
23.020.20 Vessels and containers mounted on vehicles  
23.020.30 Gas pressure vessels, gas cylinders  
23.020.40 Cryogenic vessels  
23.020.99 Other fluid storage devices

23.040.01 Pipeline components and pipelines in general  
23.040.10 Iron and steel pipes  
23.040.15 Non-ferrous metal pipes  
23.040.20 Plastics pipes  
23.040.40 Metal fittings  
23.040.45 Plastics fittings  
23.040.50 Pipes and fittings of other materials  
23.040.60 Flanges, couplings and joints  
23.040.70 Hoses and hose assemblies  
23.040.80 Seals for pipe and hose assemblies  
23.040.99 Other pipeline component

23.060.01 Valves in general  
23.060.10 Globe valves  
23.060.20 Ball and plug valves  
23.060.30 Gate valves  
23.060.40 Pressure regulators  
23.060.50 Check valves  
23.060.99 Other valves

23.080 Pumps

23.100.01 Fluid power systems in general  
23.100.10 Pumps and motors  
23.100.40 Piping and couplings  
23.100.50 Control components  
23.100.60 Filters, seals and contamination of fluids

GRANTED 2015-04-08:

23.120 Ventilators. Fans. Air-conditioners

23.160 Vacuum technology

25.100.40 Saws  
25.100.70 Abrasives

25.140.01 Hand-held tools in general  
25.140.10 Pneumatic tools  
25.140.20 Electric tools  
25.140.30 Hand-operated tools  
25.140.99 Other hand-held tools

25.160.01 Welding, brazing and soldering in general  
25.160.50 Brazing and soldering

25.180.20 Fuel furnaces

25.220.01 Surface treatment and coating in general  
25.220.10 Surface preparation  
25.220.20 Surface treatment  
25.220.40 Metallic coatings  
25.220.50 Enamels  
25.220.60 Organic coatings  
25.220.99 Other treatments and coatings

27.010 Energy and heat transfer engineering in general

27.020 Internal combustion engines

27.060.01 Burners and boilers in general  
27.060.10 Liquid and solid fuel burners  
27.060.20 Gas fuel burners  
27.060.30 Boilers and heat exchangers

27.070 Fuel cells

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### SCOPE OF ACCREDITATION

GRANTED 2015-04-08:

27.075 Hydrogen technologies

27.080 Heat pumps

27.100 Power stations in general

27.120.01 Nuclear energy in general

27.120.10 Reactor engineering

27.120.20 Nuclear power plants. Safety

27.120.30 Fissile materials and nuclear fuel technology

27.120.99 Other standards related to nuclear energy

27.200 Refrigerating technology

29.220.01 Galvanic cells and batteries in general

29.220.10 Primary cells and batteries

29.220.20 Acid secondary cells and batteries

29.220.30 Alkaline secondary cells and batteries

29.220.99 Other cells and batteries

35.080 Internal combustion engines for road vehicles

43.060.01 Internal combustion engines for road vehicles in general

43.060.10 Engine block and internal components

43.060.20 Pressure charging and air/exhaust gas ducting systems

43.060.30 Cooling systems. Lubricating systems

43.060.40 Fuel systems

43.060.99 Other components and systems of internal combustion engines

43.160 Special purpose vehicles

53.040.10 Conveyors

53.040.20 Components for conveyors

53.060 Industrial trucks

53.080 Storage equipment

GRANTED 2015-04-08:

55.040 Packaging materials and accessories

55.100 Bottles. Pots. Jars

55.120 Cans. Tins. Tubes

55.140 Barrels. Drums. Canisters

55.200 Packaging machinery

55.230 Distribution and vending machines

65.020.01 Plant growing

65.020.20 Animal husbandry and breeding

65.020.30 Landscaping and silviculture

65.020.40 Other standards related to farming and forestry

65.020.99 Farm buildings, structures and installations

65.040.01 Livestock buildings, installations and equipment

65.040.10 Buildings and installations for processing and storage of agricultural produce

65.040.20 Greenhouses and other installations

65.040.30 Other standards related to farm buildings and installations

65.040.99 Agricultural machines, implements and equipment

65.060.01 Agricultural machines and equipment in general

65.060.10 Agricultural tractors and trailed vehicles

65.060.20 Soil-working equipment

65.060.25 Equipment for storage, preparation and distribution of fertilizers

65.060.30 Sowing and planting equipment

65.060.35 Irrigation and drainage equipment

65.060.40 Plant care equipment

65.060.50 Harvesting equipment

65.060.60 Viticultural and wine-making equipment

65.060.70 Horticultural equipment

65.060.80 Forestry equipment

65.060.99 Other agricultural machines and equipment

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### SCOPE OF ACCREDITATION

GRANTED 2015-04-08:

- 67.020 Processes in the food industry
- 67.050 General methods of tests and analysis for food products
- 67.240 Sensory analysis
- 67.250 Materials and articles in contact with foodstuffs
- 67.260 Plants and equipment for the food industry
- 71.100.01 Products of the chemical industry in general
- 71.100.10 Materials for aluminum production
- 71.100.20 Gases for industrial application
- 71.100.30 Explosives, Pyrotechnics and fireworks
- 71.100.35 Chemicals for industrial and domestic disinfection purposes
- 71.100.40 Surface active agents
- 71.100.45 Refrigerants and antifreezes
- 71.100.50 Wood-protecting chemicals
- 71.100.55 Silicones
- 71.100.60 Essential oils
- 71.100.70 Cosmetics, Toiletries
- 71.100.80 Chemicals for purification of water
- 71.100.99 Other products of the chemical industry
- 71.120.01 Equipment for the chemical industry in general
- 71.120.10 Reaction vessels and their components
- 71.120.20 Columns
- 71.120.30 Heat exchangers
- 71.120.99 Other equipment for the chemical industry
- 75.060 Natural gas
- 75.160.01 Fuels in general
- 75.160.10 Solid fuels
- 75.160.20 Liquid fuels
- 75.160.30 Gaseous fuels

GRANTED 2015-04-08:

- 75.180.01 Equipment for petroleum and natural gas industries in general
- 75.180.10 Exploratory, drilling and extraction equipment
- 75.180.20 Processing equipment
- 75.180.30 Volumetric equipment and measurements
- 75.180.99 Other equipment for petroleum and natural gas industries
- 75.200 Petroleum products and natural gas handling equipment
- 77.140.01 Iron and steel products in general
- 77.140.10 Heat -treatable steels
- 77.140.15 Steels for reinforcement of concrete
- 77.140.20 Stainless steels
- 77.140.25 Spring steels
- 77.140.30 Steels for pressure purposes
- 77.140.35 Tool steels
- 77.140.40 Steels with special magnetic properties
- 77.140.45 Non-alloyed steels
- 77.140.50 Flat steel products and semi-products
- 77.140.60 Steel bars and rods
- 77.140.65 Steel wire, wire ropes and link chains
- 77.140.70 Steel profiles
- 77.140.75 Steel pipes and tubes for specific use
- 77.140.80 Iron and steel castings
- 77.140.85 Iron and steel forgings
- 77.140.99 Other iron and steel products
- 77.150.01 Products of non-ferrous metals in general
- 77.150.10 Aluminium products
- 77.150.20 Magnesium products
- 77.150.30 Copper products
- 77.150.40 Nickel and chromium products
- 77.150.50 Titanium products
- 77.150.60 Lead, zinc and tin products
- 77.150.70 Cadmium and cobalt products
- 77.150.99 Other products of non-ferrous metals



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GRANTED 2015-04-08:

- 81.040.01 Glass in general
- 81.060.01 Ceramics in general
- 83.140.01 Rubber and plastics products in general
- 83.140.10 Films and sheets
- 83.140.20 Laminated sheets
- 83.140.30 Plastics pipes and fittings for non fluid use
- 83.140.40 Hoses
- 83.140.50 Seals
- 83.140.99 Other rubber and plastics products
- 87.020 Paint coating processes
- 87.040 Paints and varnishes
- 87.060.01 Paint ingredients in general
- 87.060.10 Pigments and extenders
- 87.060.20 Binders
- 87.060.30 Solvents
- 87.060.99 Other paint ingredients
- 91.140.10 Central heating systems
- 91.140.30 Ventilation and air-conditioning systems
- 91.140.40 Gas supply systems
- 91.140.60 Water supply systems
- 91.140.65 Water heating equipment
- 91.140.70 Sanitary installations
- 91.140.80 Drainage systems
- 97.040.01 Kitchen equipment in general
- 97.040.10 Kitchen furniture

GRANTED 2015-04-08:

- 97.040.20 Cooking ranges, working tables, ovens and similar appliances
- 97.040.30 Domestic refrigerating appliances
- 97.040.40 Dishwashers
- 97.040.50 Small kitchen appliances
- 97.040.60 Cookware, cutlery and flatware
- 97.040.99 Other kitchen equipment
- 97.060 Laundry appliances
- 97.080 Cleaning appliances
- 97.100.01 Heating appliances in general
- 97.100.20 Gas heaters
- 97.100.30 Solid fuel heaters
- 97.100.40 Liquid fuel heaters
- 97.100.99 Heaters using other sources of energy
- 97.120 Automatic controls for household use
- 97.130.10 Shelving
- 97.130.20 Commercial refrigerating appliances
- 97.180 Miscellaneous domestic and commercial equipment
- 97.200.01 Equipment for entertainment in general
- 97.200.10 Theatre, stage and studio equipment
- 97.200.20 Musical instruments
- 97.200.30 Camping equipment and camp-sites
- 97.200.40 Playgrounds
- 97.220.40 Outdoor and water sports equipment