

CERTIFICATION BODY ACCREDITATION PROGRAM (CBAP)

Scope of Accreditation

| Accredited Legal Entity: | IAPMO RESEARCH AND TESTING, INC. |
|--------------------------|--|
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| SCC File #: | 10038 |
|-----------------------------|--|
| Initial Accreditation Date: | 2002-09-19 |
| Reaccreditation Date: | 2015-06-13 |
| Accreditation Expiry Date: | 2019-09-19 |
| Accreditation Standard: | ISO/IEC 17065:2012 SCC Requirements and Guidance, Certification Body Accreditation Program |

Additional Critical/Key Locations:

Refer to the legal entity location identified at the top of this listing. There are no additional locations included in this scope of accreditation:

Certification Mark:



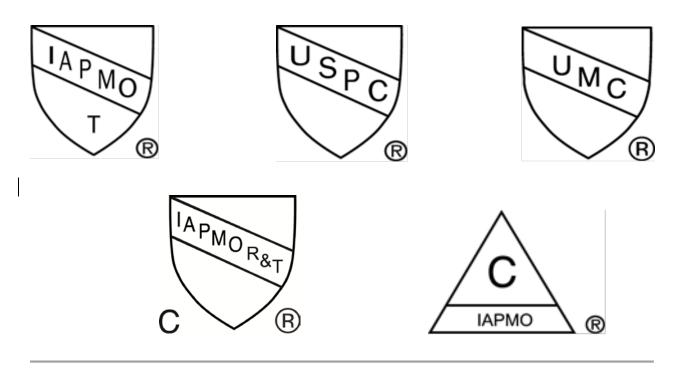


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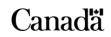


Product Certification Scheme:

ISO/IEC 17067, Conformity assessment - Fundamentals of product certification and guidelines for product certification schemes, scheme type 5 most closely resembles the product certification scheme operated by this organization. The surveillance part of this scheme allows for the choice between periodically taking samples of the product either from the point of production, or from the market, or from both, and subjecting them to determination activities to check that items produced subsequent to the initial attestation fulfil the specified requirements. The surveillance includes periodic assessment of the production process, or audit of the management system, or both. The extent to which the four surveillance activities are conducted may be varied for a given situation, as defined in the scheme. If the surveillance includes audit of the management system, an initial audit of the management system will be needed.

Scope of Accreditation:

The scope of accreditation for the above-mentioned legal entity limits the use of the certification mark shown, to products that meet standards classified by the following international classification coding:





| ICS No. | Title | Purpose |
|-----------|--|--|
| 13.060.20 | Drinking Water (Drinking water treatment units and components) | Performance Health Safety |
| 13.060.30 | Sewage water (Residential wastewater treatment units and components) | Performance Health Safety Gas Safety |
| 23.020.10 | Stationary containers and tanks | Performance Health Safety |
| 23.020.20 | Vessels and containers mounted on vehicles | Performance Health Safety Gas Safety |
| 23.040.10 | Iron and steel pipes | Performance Health Safety |
| 23.040.15 | Non-ferrous metal pipes | Performance Health Safety |
| 23.040.20 | Plastic pipes | Performance Health Safety |
| 23.040.40 | Metal fittings | Performance Health Safety |
| 23.040.45 | Plastics fittings | Performance Health Safety |
| 23.040.50 | Pipes and fittings of other materials | Performance Health Safety |
| 23.040.60 | Flanges, couplings and joints | Performance Health Safety |
| 23.040.70 | Hoses and assemblies | Performance Health Safety |
| 23.040.80 | Seals for pipe and hose assemblies | Performance Health Safety |
| 23.040.99 | Other pipeline components | Performance Health Safety |
| 23.060.20 | Ball and plug valves | Performance Health Safety |
| 23.060.30 | Gate valves | Performance Health Safety |
| 23.060.40 | Pressure regulators Including pressure-reducers | Performance Health Safety |
| 23.060.50 | Check valves | Performance Health Safety |





| ICS No. | Title | Purpose |
|-----------|---|---------------------------------------|
| 23.060.99 | Other valves | Performance Health Safety |
| 23.080 | Pumps (Liquid pumps only) | Electrical safety |
| 23.120 | Ventilators. Fans. Air-conditioners | Performance |
| 23.160 | Vacuum technology Including vacuum pumps | Performance Health Safety |
| 27.160 | Solar energy engineering | Health Safety |
| 29.130.20 | Low voltage switchgear and controlgear | Electrical safety |
| 43.080.20 | Buses (Components for Recreational Vehicles only- RV Series) | Performance Plumbing Gas Safety |
| 43.100 | Passenger cars. Caravans and light trailers- (Components for Recreational Vehicles only) | Performance Plumbing Gas Safety |
| 49.025.50 | Adhesives | Performance |
| 55.040 | Packaging materials and accessories Including sealing devices | Performance |
| 67.250 | Materials and articles in contact with foodstuffs | Performance Health Safety |
| 67.260 | Plant and equipment for the food industry | Performance Health Safety |
| 71.120.99 | Other equipment for the chemical industry (Chemical Dispensing Systems only) | Performance Health Safety |
| 83.080.20 | Thermosplastic materials | Performance Health Safety |
| 83.140.10 | Films and sheets Including plates | Performance Health Safety |
| 83.140.30 | Plastic pipes, fittings and valves | Performance Health Safety |
| 83.180 | Adhesives | Performance |
| 91.060.20 | Roofs (Roof vent flashing only) | Performance |
| 91.060.40 | Chimneys, shafts, ducts Including flues and flue pipes | Performance Safety |
| 91.140.10 | Central heating systems Including burners and boilers for central heating systems | Performance Gas Safety |





| ICS No. | Title | Purpose |
|-----------|---|---|
| 91.140.30 | Ventilation and air-conditioning systems | Performance |
| 91.140.40 | Gas supply systems | Performance Safety |
| 91.140.60 | Water supply systems | Performance Health Safety |
| 91.140.65 | Water heating equipment | Performance Safety |
| 91.140.70 | Sanitary installations | Performance Health Safety Electrical safety |
| 91.140.80 | Drainage systems | Performance Health Safety |
| 97.030 | Domestic electrical appliances in general (Motor driven appliances to C22.2 No.68-92 for use in non-hazardous locations only) | Electrical safety |
| 97.040.20 | Cooking ranges, working tables, ovens and similar appliances (excludes components) | Performance Health Safety Gas Safety Electrical safety |
| 97.040.30 | Domestic refrigerating appliances | Performance Gas Safety |
| 97.040.40 | Dishwashers | Performance Health Safety |
| 97.040.50 | Small kitchen appliances Including food waste disposal units | Performance Health Safety |
| 97.060 | Laundry appliances Including washing-machines, dry-cleaners, driers, ironing and pressing appliances, etc. | Performance Gas Safety |
| 97.100.20 | Gas heaters | Performance Gas Safety |
| 97.130.20 | Commercial refrigerating appliances | Performance Gas Safety |
| 97.170 | Body care equipment (Hydromassage tubs only) | Electrical safety |
| 97.180 | Miscellaneous domestic and commercial equipment (Motor driven appliances to C22.2 No.68-92 and radiant heaters and infrared and UV lamp assemblies to C22.2 No.224 only) | Electrical safety |
| 97.220.10 | Sports facilities (Swimming-pools and spas only) | Electrical safety |





