



Directory of Recognized Laboratories

February 03, 2012

CANADIAN STANDARDS ASSOCIATION,"""""CSA INTERNATIONAL""""

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Lab#: 0000020
Expires: 2/28/2012
Number of Employees: 700

Tests to Standards:

APPLIANCE

IAPMO PS 73-1993, PS 79-2005, PS 92-2010

BACKFLOW PREVENTERS

CSA Z240.3.2-1999, ASME A112.18.3-2002 (R08)(sections 11, 12, 13, 14, 15.1, 15.2), ASSE 1019-2004

LOW LEAD

AB1953, NSF 372-2010

MANUFACTURED HOUSING/ RV COMPONENTS:

IAPMO TS 9-2003, CSA Z240.3.2-1999

METAL FIXTURES:

ANSI A112.19.1-2008, A112.19.3-2008, IAPMO IGC 156-2008 (except section 5.1.13), ASME A112.6.3-2001, ASME A112.6.4-2003 (R08), ASME A112.6.7-2001

METAL PIPE/FITTINGS:

ASME A112.36.2-1991 (R08), ASTM A888-2008, ASTM C 564-2003a, ASTM A 74-2008, CSA B79-2005, CISPI 301-2005, ASME A112.18.2-2005/ CSA B125.2-2005, ASTM C 1460-2008, ASSE 1061-2011

PLASTIC PIPE/FITTINGS:

ASTM F877-2007, ASTM D 1785-2006, ASTM D 2241-2005, ASTM D 2513-2008, ASTM D 2665-2008b, ASTM D 3034-2008, ASTM F 876-2007, ASTM F 1281-2007, ASTM F 1282-2006, ASTM F 2135-2001, ASME A112.14.1-2003 (R08)

SEPTIC SYSTEM:

IAPMO PS 52-2006, ASME A112.14.3-2000

SHOWER PAN LINERS:

ASTM D4451-1996 (R01)

TOXICITY:

NSF 61-2008

VALVES/FAUCETS:

ASME A112.6.1M-1997 (R08), AASME A112.18.1-2005/ CSA B125.1-2005 (except 4.15, 5.10.6, 5.10.7, 5.10.8), ASSE 1017-2003 (except section 3.2), ASME A112.4.14-2004, IAPMO IGC 157-2010

WATER CLOSETS:

ASME A112.19.2-2008/CSA B45.1-2008, ASME A112.3.4-2000

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Expires: 3/31/2012
Number of Employees: 12

Tests to Standards:

APPLIANCES:

IAPMO PS 88-2002

BACKFLOW PREVENTERS:

ASME A112.18.3-2008/CSA B45.4-08, ASSE 1013-2005 (CSA,CAN/CSA-B64.4-2001), ASSE 1012-2002, 1015-2005, 1022-2003, 1024-2004, 1032-2004, 1047-2005, 1048-2005, 1052-2004(CSA, CAN/CSA-B64.2.1-01, B64.2.2-01, B64.1.2-01), ASSE 1055-1997, ASSE 1079-2005, IAPMO PS 45, IAPMO IGC 163-2001

BALLCOCKS\FLUSHMETERS:

ASSE 1002-2008, ASSE 1037-1990, ASME A112.19.5-2005, CSA B64.3-2001

LOW LEAD:

AB 1953

METAL FIXTURES:

ASME A112.19.3-2008 (CSA, B45.4-08), ASSE 1014-2005, IAPMO PS 67-1993, ANSI Z358.1-2009

METAL PIPE/FITTINGS:

ASME A112.1.2-2004, ASME A112.3.1-1993, ASME A112.6.3-2001, ASME A112.18.2-2005/CSA B125.2-08), ASME A112.18.6-08, ASME A112.36.2-08, ASME B 16.23-2002(CSA, B158.1-1976), ASME B 16.29-2001, ASSE 1018-2001, ASTM C 564-2009, IAPMO PS 72-2007, IAPMO IGC 128-2008, ASTM C1277-2008

MFG'D HOUSING/RV COMPONENTS:

TS 8-2006

NON-METALIC PIPE/FITTINGS:

IAPMO PS 69-2006,

PLASTIC FIXTURES:

ANSI Z124.1.2-2005 (CSA, B45.5-01),ANSI Z124.3-2005 (CSA, B45.5-01), ANSI Z124.5-2006 (CSA, B45.5-01), ANSI Z124.6-2007 (CSA, B45.5-01), ANSI 124.7-1997 (CSA, B45.5-01), IAPMO IGC 172-2008

PLASTIC PIPE/FITTINGS:

ASTM D2665-08b (except Sections 5, 6.3 and 6.5), ASTM D3311-2008, ASTM F409-02 (except Section 5),IAPMO SPS -2000

VACUUM BREAKERS:

ASME A112.18.3-2008, ASSE 1001-2008(CSA, CAN/CSA-B64.0-01;B64.1.1-01), ASSE 1003-2001(CSA, B356-01), ASSE 1011-2004(CSA, CAN/CSA-B64.2.1-01, B64.2.2-01, B64.1.2-01), ASSE 1019-2004, ASSE 1020-2004 (CSA, B45.2-01), ASSE 1056-2001, ASSE 1035-2008 (CSA,CAN/CSA-B64.7-01), IAPMO PS 33-2009

VALVES/FAUCETS:

ASME A112.18.1-2005/CSA B125.1-08, ASME A112.18.6-08, ASSE 1016-2005, ASSE 1017-2003, ASSE 1025-1978 (CSA,CAN/CSA-B64.6-01), ASSE 1062-2006, ASSE 1066-1997, ASSE 1069-2005, ASSE 1070-2004, ASSE 1071-2008, IAPMO IGC 128-2008, IAPMO IGC 157-2010, IAPMO IGC 168-2001, AB 1953, IGC 241-2011

VITREOUS CHINA FIXTURES:

ASME A112.19.2-2008/CSA B45.1-08

WATER CLOSET:

ASME A112.19.2-2008/CSA B45.1-08, ASME A112.19.14-2006, LADWP SPS, WaterSense HET

CRT LABORATORIES (CALIFORNIA RESIN TESTING)

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Lab#: 0000037
Expires: 3/31/2012
Number of Employees: 4

Tests to Standards:

BACKFLOW PREVENTERS
ASME A112.14.1-2003 (R08)

CEMENTS/SOLDER/JOINT COMPOUNDS:

ASTM B 32-2008(sections 8.1, 8.1.1, 8.1.2, 8.2, 8.3.1, 8.3.2, 13.1, 13.1.1, 13.1.2, 13.1.3, 13.3.1, 13.3.2, 13.3.3, 13.3.4, 13.3.5), B 813-200e1, D 2235-2004, D 2564-2004e1, D 2672-1996a (R2003), D 2855-96 (R2002), D 3122-1995 (R2002), D 3212-1996a, F 656-2008

ELECTRICAL:

UL 651-1995

MANUFACTURED HOUSING/RV COMPONENTS:

IAPMO PS 42-1996, PS 54-2006, PS 94-2008, PS 95-2001, PS 64 -2007a(except 4.1.1),CSA B272-93 (R008)

METAL FIXTURES:

ASME A112.6.4-2003 (R08), ASME A112.18.6-2009, ASME A 112.6.3-2001, ASME A112.6.7-2001, IAPMO PS 9-2006,

METAL PIPE/FITTINGS:

ASME A112.18.6-2003, ASTM C 1173-2008 (except section 9.1.4), ASTM F 1807-2008 (except 5), ASTM F 2306-2007 (except section 7.8), ASME A112.18.2-2005 (except sections: 5.2 & 5.4), PS 120-2004 (except 4.1), ASTM C 1053-2000 (R2005), ASTM C 1460-2008, ASTM F 1948-2005.

PIPE WRAP TAPE/COATINGS:

IAPMO PS 37-1990 (except dielectric breakdown, High Humidity Insulation Resistance)

PLASTIC CELL CLASS TESTING:

Fingerprinting material using infrared and differential scanner

ASTM D 1248-1984, D 1784-2008, D 3350-2008, D 3965-2005, D 4101-2008 (except section 13.1.7), ASTM C 564-2003a (except 9.7)

PLASTIC FIXTURES:

ANSI Z124.5-2006, IAPMO PS 94-2008, PS 90-2006 (except 4.1.2), ANSI Z 124.1.2-2005 (except 5.1, 5.3, 6.2), ANSI Z 124.3-2005 (except 5.1, 5.3, 6.2), ANSI Z124.4 -2006(except 5.1, 5.3, 6.2), ANSI Z124.6 -2007(except 5.1, 5.3, 6.2), ANSI Z124.8-1990 (except 5.1, 5.3, 6.2), ANSI A112.6.4-2003(R08) , ASME A112.6.3-2001 , ASME A112.18.6-2009

PIPE WRAP TAPES\COATINGS:

AWWA C210-2003, AWWA C213-2007, IGC 189-2008

PLASTIC PIPE/FITTINGS:

ASME A112.18.6-2009, ASTM D 1527-1999, D 1785-2006, D 2104-2003, D 2239-2003, D 2241-2005, D 2282-1999, D 2447-2003, D 2246, D 2466-2006, D 2467-2006, D 2468, D 2513-2008, D 2661-2008(CSA, CAN/CSA-B181.1-M90), D 2665-2009(CSA, CAN/CSA-B181.1-M80), D 2680-2001 (R09), D 2729-2003, D 2737-2003, D2751-2005, D 2846-2009, D 3034-2008(CSA, CAN/CSA-B182.2-M90), D 3212-1996a, D 3311-2008, F 405-2005, F 409-2002 (R08), F 437-2006, F 438-2004, F 439-2006, F 441-1999, F 442-1999, F 628-2008, F 667-2006, F 789-1995a, F 794-2003, F 810-2007, F 876-2009, F 877-2007, F 891-2007, F 949-2003, F 1412-2009, F 1673-2004, F 2158-2008:ASME A112.18.2-2005(except sections: 5.2 & 5.4), A112.14.1-2003(R08) ,A112.6.4-2003 (R08),A112.6.3-2001, IAPMO PS 33-2010, PS 51-1998, PS 90-2006 (except 4.1.2), PS 94-2008, AWWA C900-1997 (pipe sizes through 8"),IAPMO IGC 120-1998a, IAPMO IGC 210-2005a, IAPMO IGC 224-2009, ASTM F 1924-2005, NSF 14-2007

POOL/SPA COMPONENTS/FITTINGS:

IAPMO PS 33-2010, IAPMO IGC 158-2000

SEPTIC SYSTEMS:

IAPMO/ANSI Z1000-2007, IAPMO IGC 219-2005, IAPMO IGC 262-2008, IAPMO PS 63-2005, IGC 276-2010

SHOWER PAN LINERS:

ANSI A118.10-2008 (except M-4.1), ASTM D 4068-2001 (except 4.1),

VALVES/FAUCETS:

ASSE 1016-2005, ASSE 1014-2005, ASME A112.18.1M-2005 (except sections: 5.1, 5.2.2.1, 5.6.3.2 & 5.9.2.1, Toxicity), (CSA, CAN/CSA-B70-M91), CSA B125-2005 (except Toxicity)

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Number of Employees: 100

Tests to Standards:

APPLIANCES:

ASME A112.4.1-1993 (R08), IAPMO PS 92-2010

BACKFLOW PREVENTORS:

ASSE 1012-2002, ASSE 1015-2005, ASSE 1019-2004 (except 4.1.1 Toxic Materials), ASSE 1022-2003 (Except NSF 61), ASSE 1024-2004 (except 4.1 materials), ASSE 1032-2004, ASSE 1035-2008, ASSE 1047-2005, ASSE 1048-2005, ASSE 1052-2004 (except 4.1 materials), ASSE 1053-2004, ASSE 1056-2001, ASME A112.18.3-2008 (R08) (except 15 durability tests), ASME A112.1.2-2004

BALLCOCK/FLUSHMETERS:

ASSE 1002-2008 (except 4.1 materials), ASSE 1013-2005, ASSE 1037-1990 (except 1.3 materials), ASME A112.19.10-2003 (R08)

EARTHQUAKE SHUT-OFF & EXCESS FLOW VALVES:

CSA 3-1992; IAPMO IGC 175-2003 (EXCEPT 6.3 MATERIALS)

FUEL GAS ITEMS:

ANSI Z21.12b-1994, Z21.13a-2002, Z21.15b-2006, Z21.22b-2001(CGA CAN1-4.4-M80), Z21.24b-2001, Z21.41b-2002; IAS LC1-2005; IAPMO TS 9-2003

MANUFACTURED HOUSING/ RV COMPONENTS:

ANSI Z124.5-2006, ASME A112.6.3-2001 (except materials); IAPMO TS 9-2003, IAPMO TS 28-2006

METAL FIXTURES:

ANSI Z358.1-2009; ASME A112.19.1-2008(except 7.2 Acid Resistance Test), ASME A112.19.3-2008

METAL PIPE/FITTINGS:

ANSI/SAE J-1670-2005, ASME A112.18.2-2005/CSA B125.2-05 (except 2.1 materials), ASTM C1277-2008, ASTM C1173-2008, ASTM F1807-2008, IAPMO IGC 198-2004, PS 79-2005, ANSI/CSA LC 4-2007, ASSE 1010-2004, ASSE 1061-2006

NON-METALLIC PIPE/FITTINGS:

ASME A112.18.6-2003 (R08), ASTM C1460-2008, ASTM F877-2007, ANSI /SAE J-1670-2005

PLASTIC PIPE/FITTINGS:

ASTM F-1807-2008, IAPMO IGC 67-2009 (except 4.1 materials), ASME A112.14.3-2000 (except 2.2 materials), ASSE 1061-2006

PLASTIC FIXTURES:

ANSI Z124.1.2-2005 (except section 5.1, 5.2, 5.3, 5.4, 5.5, 5.6 & 6.1), ANSI Z124.3-2005 (except section 5.1, 5.2, 5.3, 5.4, 5.5, 5.6 & 6.1), ANSI Z124.4-2006 (except section 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7), ANSI Z124.6-2007 (except sections 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7), ANSI Z124.9-2004 (except section 5.1, 5.2, 5.3, 5.4, 5.5, 5.6), IAPMO IGC 172-2008, IAPMO PS 90-2006, PS 93-2004a

VACUUM BREAKERS:

ANSI A112.1.3-2000, ASSE 1001-2008, ASSE 1011-2004, CAN/CSA-B64.2.1-2001, CAN/CSA B64.2.2-2001, CAN/CSA B64.1.2-2001), ASSE 1020-2004, ASSE 1021-2001 (except 4.1 materials); ASME A112.1.3-2000 (except 4.2 materials)

VALVES/FAUCETS:

ANSI A112.14.1-2003 (R08), ASME A112.18.1-2005, CSA B125-2005 (except 4.1, 4.9 and 6.7); ASSE 1003-2001, ASSE 1014-2005; ASSE 1016-2005; ASSE 1017-2003, ASSE 1025-1978, ASSE 1044-2001, ASSE 1055-1997, ASSE 1066-1997, ASSE 1062-2006, ASSE 1069-2005, ASSE 1070-2004, IAPMO PS 72-2007 (except 3.1 Toxicity), IAPMO IGC 157-2007

VITREOUS CHINA FIXTURES:

ASME A112.19.2-2008

WATER CLOSETS:

ASME A112.3.4-2000 (R04), ASME A112.19.14-2006, IAPMO IGC 117-1997 (except 4.1 materials), IAPMO PS 50-2008

WATER HEATERS:

ANSI Z21.10.1a-2002, Z21.10.3b-2008

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Lab#: 0000056
Expires: 4/30/2012
Number of Employees: 34

Tests to Standards:

EARTHQUAKE SHUT-OFF / EXCESS FLOW VALVES:
ASCE 25-1997

FUEL GAS ITEMS:
ANSI Z21.21-2005, ANSI Z21.13-2007

WATER HEATERS:
ANSI Z21.10.1a-2002, ANSI Z21.10.3b-2008

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Expires: 10/31/2012
Number of Employees: 40

Tests to Standards:

Physical\Structutral:
ASTM E96, ASTM E283, ASTM C1338

Solar Components\System:
SRCC- 100-2008, SRCC- TM1-2008

FOUNDATION FOR CROSS-CONNECTION CONTROL & HYDRAULIC RESEARCH

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Lab#: 0000023
Expires: 7/31/2012
Number of Employees: 14

Tests to Standards:

BACKFLOW PREVENTERS:

AWWA C510-1997, C511-1997, ASSE 1013-2005 (CSA,CAN/CSA-B64.4-01), ASSE 1015-2005, ASSE 1024-2004, ASSE 1055-1997, ASSE 1047-2009 (Except Section 3.21), ASSE 1048-2009 (Except Section 3.14)

VACUUM BREAKERS:

ASSE 1001-2008 (CSA, CAN/CSA-B64.0-01;B64.1.1-01) (Except 4.1 Materials), ASSE 1020-2004 (CSA, B64.1.2-01) (Except 4.1 Materials), ASSE 1056-2001(Except 4.1 Materials), ASSE 1060-2006(Except 4.1 Materials)

VALVES\FAUCETS:

ASSE 1003-2001(CSA, B356-01)

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Lab#: 0000055
Expires: 4/30/2012
Number of Employees: 25

Tests to Standards:

APPLIANCES:

AHAM 2PR, AHAM DW-1- 2010 (Section 6 & 7 ONLY), ASME A112.19.7-2006 (CSA, CAN/CSA-B45S1), ASSE 1006-1986, ASSE 1007-1986, ASSE 1008-2006, ASSE 1009-1990, ASSE 1023-1979, IAPMO IGC 115-2009, IAPMO IGC 226 -2006a(except Section 4.7), IAPMO PS 88-2011, IAPMO PS 92-2010, IAPMO PS 119-200, IAPMO IGC 91-2009, ASME A112.4.1-2009

BACKFLOW PREVENTERS:

ASME A112.18.3-2002 (R08), ASME 12.1.2-2004, ASSE 1012-2009 (CSA,CAN/CSA-B64.8), ASSE 1013-2009 , ASSE 1021-2001, ASSE 1022-2003, ASSE 1024-2004 (CSA, CAN/CSA-B64.3), ASSE 1032-2004, ASSE-1035-2008 (CSA,CAN/CSA-B64.7), ASSE 1037-1990, ASSE 1015-2009, ASSE 1047-2005, ASSE 1048-2009, ASSE 1052-2004, ASSE 1055-2009, ASSE 1056-2001, ASSE 1079-2005, IAPMO PS 23-2006a, ASME A112.14.1-2003 (R08), IAPMO TS 8-2009, TS 21-2006, IAPMO IGC 163, CSA Z240.3, IAPMO PS 65-2002, ASME A112.1.2-2004

BALLCOCKS/FLUSHMETERS:

ASME A112.19.5-2005 (CSA B125.3), ASSE 1001-2008 (CSA, CAN/CSA-B64.0;B64.1), ASSE 1002-2008, ASSE 1037-1990, ASME A112.19.10-2003 (R08), IAPMO PS 50-2010, PS 67-2010, PS 69-2006, ASME A112.19.14-2001, ASME A112.14.6-2006, IGC 162-2000

BATHROOM ACCESSORIES:

IAPMO IGC 127-2009, UL 962-2008

CEMENT\SOLDER\JOINT COMPOUND:

IAPMO IGC 251-2008, ASTM D2564-2004e1, IAPMO PS 36-1990, ASTM F656-2010, ASTM D3138-2004

EARTHQUAKE SHUTOFF\EXCESS VALVE:

IGC 175-2003

ELECTRICAL:

IAPMO PS 119-2006, UL 379, UL 499-2009 (Except Section 40), UL 676, UL 778-2010, UL 875-2009, UL 979 (Except Section 47, 48, 51, 53), UL 1081-1997,UL 1241, UL 1261-1981, UL 1431, UL 1563-2009, UL 1795-2009, UL 1951-1994, UL 2452 (Except Section 36), CSA C22.2 No.14-2005, CSA C22.2 No.64, CSA C22.2 No.68-2009, CSA C22.2 No.72 (Except Sections 6.5, 6.8, 6.9, 6.10) ,CSA C22.2 No.88-1958 (R08) (Except Section 6.6), CSA C22.2 No.89 (Except Sections 6.12, 6.13, 6.15, 6.16, 6.18, 6.19, 6.22, 6.23 and 6.24), CSA C22.2 No.113 (Except Sections 6.12, 6.13, 6.15, 6.16, 6.18, 6.19, 6.22, 6.23 and 6.24), CSA C22.2 No.164 (Except Section 12.9), CSA C22.2 No.108-01,CSA C22.2 No.218.1-1998 (R06), CSA C22.2 No.218.2-1993 (R04), CSA C22.2 No.224, UL 763-2000, UL 197-2000, UL 65-2010, UL 8750-2009, UL1598-2008/ CSA C22.2 No. 250.0, UL 136-1989, CSA C22.2 No. 109, CSA C22.2 No. 195-1987 (R2009), IGC 283-2011

EQUIPMENT:

IAPMO IGC 242-2007

FOOD EQUIPMENT:

NSF/ANSI 2-2009 (Except Section 6.1), NSF/ANSI 4-2007e(Except section 6.4), NSF 7-2009, NSF 8-2010 (Except Section 6.1), ANSI Z 83.11b/ CSA 1.8b-2009

FUEL GAS ITEMS

ASME B16.33-2002 (except 3.4.3 & 3.4.4), ASTM F1973-2008(Witness Test Only), ASTM F2509-2006, ANSI LC1-2005/ CSA 6.26-2005

MECHANICAL:

IAPMO IGC 209-2008

METAL FIXTURES:

ANSI Z358.1-2009, ASME A112.6.1M-1997 (R08), ASME A112.6.4-2003 (R08), ASME A112.6.7-2001, ASME A112.19.1-2008/ CSA B45.2-08, ASME A112.19.3-2008/ CSA, B45.4-08 , IAPMO IGC 217-2007, ASME A112.6.4-2003 (R08), PS 54-2011 (except section 7.2), ASME A112.6.2-2000 (R2004), ASME A112.6.7-2001, PS 117-2008(except 4.2, 4.3), METAL ANALYSIS, IGC 193-2010, IGC 194-2004a, IGC 195-2011 (except 4.1 and 4.2), IGC 217-2007, IGC 227-2006, IGC 235-2009 (except Sec. 5.5)

METAL PIPE/FITTINGS:

ASME A112.3.1-2007 (except 4.4.3 rubber), ASME A112.6.3-2001, ASME A112.18.2-2005 ,ASME A112.6.4-2003 (R08) , ASME A112.21.3M-1985 (R2001), ASME A112.36.2M-1991 (R08) (except section 6 & 7.1.1), ASME B16.18-2001, ASME B16.22a-2001, ASSE 1061-2006, ASTM A 888-2009 (CSA, CAN/CSA-B70-M91), ASTM A 74-2009(CSA, CAN/CSA-B70-M91), ASTM

C1173-2008, ASTM C 1277-2009a, ASTM C 1540-2009a, IGC 100-1998, PS 117-2008, IGC 188-2009 (except 4.1), IGC 198-2004, IGC 201-2004, IGC 208-2005a, IGC 215-2005b, IGC 218-2005, IGC 233-2009 (except Section 4.5), IGC 239-2007, IGC 253-2008a, ASME A112.18.6-2008/CSA B125.6-09, ASTM C1460-2008, PS 53-2008 (except 4.1, 4.2 and 4.5), PS 55-1992 (except section 4.3, 4.4, 4.5), PS 79-2005, PS 76-2011, PS 97-2011, ASTM C1461-2006, CISPI 301-2009, CISPI 310-2011, SAE J1670-2008, METAL ANALYSIS, ASTM B 88-2009 (except sections 8.1, 9.3 and 10.1), ASTM B280-2008(Except sections 9.3 and 10.1), ASTM B687-05 e1, ASTM A 1056-2008, ASTM C1461-2006, ASSE 1010-2004 (Except Sections 3.1 and 3.2), CSA B602-2005, CSA TIL MSE 13-1989 (R03)

MFG. HOUSING/RV COMPONENTS:

IGC 132-2002a, IGC 209-2008 (less material) PS 42-1996, TS 1-2011e1, TS 11-2011a, TS 19-2010, TS 20-2009, TS 21-2006, TS 24-2009, TS 26-1997 (except section 3.2.3), TS 34-1997e1, TS 2-2005, TS 4-2006, TS 9-2003 (except section 11.5 & 11.6) TS 12-1997e1, TS 13-2006, TS 14-2006, TS 15-2006, TS 22-1997e1, TS 23-1997e1, TS 25-2006, TS 27-1997e1, TS 28-2006, TS 30-1997e1, TS 33-2006, CSA B272-93 (except section 4.2), PS 64-2007a

NON METALLIC PIPE FITTINGS:

ASME A112.18.6-2009/CSA B125.6-09, ASME A112.6.4-2003 (R08), IAPMO PS 42-1996, IAPMO PS 57-2002, IAPMO PS 69-2006, (except material), IAPMO PS 94-2008, IAPMO PS 95 -2001, IAPMO TS 11-2011a, TS 19-2010, TS 26-1997, IGC 67-2009a, ASME A112.18.2-2011, IGC 117-1997 (4.1), IAPMO Z600-11, ASTM F 409-2002 (R08), ASTM C 1460-2008, IAPMO PS 69-2006

NON VITREOUS CHINA FIXTURES:

CSA B45.11-2004

PLASTIC CELL CLASS TESTING:

ASTM D 4101-2010, ASTM D 1784-2008, ASTM D 3965-2005

PLASTIC FIXTURES:

ANSI Z124.1.2-2005, Z124.3-2005, Z124.4-2006, Z124.5-2006, Z124.6-2007, Z124.7-1997, (CSA, B45.5-02), Z124.8-1990, Z124.9-2004, ASME A112.19.2-2008, ASME A112.19.3-2008 (CSA, B45.4), ASME A112.19.5-2005, ASME A112.19.7-2006(CAN/CSA-B45.5), ASME A112.19.8b-2009, ASTM F 462-1979, IGC 138-1999, IGC 141-2008, IGC 142-1999, IGC 154-2009, IGC 155-2008, IGC 171-2007 (except section 7.2), IGC 172-2010, IGC 197-2004(except 4.12, 4.13, 5.1), IGC 200-2004, IGC 227-2006, ASME A112.19.15-2005, ASME A112.6.7-2001, ASME A112.4.2-2009, ASME A112.19.15, CSA TIL MSE 43-2004, IAPMO IGC 260-2009, ANSI/ICPA SS-1-2001, CSA B45.9- 2002(R08), CSA B45.10-2001 (R06), CSA B45.11-2004, IAPMO IGC 281-2011

PLASTIC PIPE/FITTINGS:

ASME A112.18.2-2011, ASSE 1050-2009, ASSE 1051-209, ASTM D 2513-2009a (Witness Test Only), ASTM D 2661-2008, ASTM D 2665-2010, ASTM D 2846-09b (except section 5.1.2), ASTM F628 -2008(except section 6.3), ASTM F877-2011a (for fitting only), ASTM F1807-2004ae1, ASTM F1924-2005(Witness Test Only), ASTM F1948-2005 (Witness Test Only), ASTM F1960-2004(except 6.1), ASTM F1970-2005, ASTM F1974-2009, ASTM F2158-2008, CSA B137-2002 (except Section 4.7), CSA B181.1-2002 (except Section 4.4 carbon black), B181.2-2002, IAPMO IGC 109-2010, ASME A112.19.12-2006, IGC 122-2005a, IGC 161-2009, IGC 165-2001 (except section 3.1.1, 3.1.2), IGC 192-2004 (except 6.0), IGC 223-2007 (except Sections 4.2, 4.3, 4.5 and 6.2), IGC 224-2009, IGC 225-2006, IGC 228-2006 (except Sections 4.2.1, 4.2.5, and 4.8), IGC 229-2006 (except Section 4.3), IGC 236-2006, IGC 243-2007, IGC 269-2009, IGC 271-2009, IAPMO PS 25-2002, PS 34-2003, PS 43-2007, CSA B272-93(except Sections 4.2), PS 69 -2006 (except section 5.1, 5.2), PS 90-2006 (except section 4.1.1), PS 98-1996, PS 104-1997, PS 110-2006a (except 4.1 & 5.3), PS 111-1999 (except section 4.1, 4.4 & 5.3), IAPMO SPS3-1993, IAPMO TS 19-2010, ASTM F876-2010, ASTM F877-2007, ASSE 1063-2008 (Witness Test Only), ASTM F1216-2009, ASTM F1281-2007, ASTM D1785-2006, ASTM D2235-2004, ASTM D2339-2003, ASTM D2241-2009, ASTM D2467-2006, ASTM D3034-2008, ASTM D4551-1996 (R08) e1, ASME A112.4.3-2000

POOL/SPA COMPONENTS/FITTINGS:

ASME A112.19.7-2006 (CAN/CSA-B45S1), ASME A112.19.8-2007, IAPMO PS-33-2011, IAPMO SPS-4-2009, ASME A112.19.17-2010 (Witness Test Only), NSF 50-2009a, IAPMO IGC 274-2010a, ANSI/NSPI-1 2003, ANSI/NSPI-2 1999, ANSI/NSPI-3 1999, ANSI/NSPI-5 2003, ANSI/NSPI-6 1999, ANSI/NSPI-4 2007

SEPTIC SYSTEMS:

IAPMO IGC 164-2003, IGC 167-2011ae1, IGC 180-2003 (witness test only), IGC 199-2004, IGC 231-2006 (witness testing only), IGC 245-2007a (witness testing only), IAPMO PS 52-2009 (except section 4.1 thru 4.4), PS 59-2010 (except section 3.1 materials), PS 60-1996 (except section 4.1 thru 4.4), PS 63-2005 (witness testing only), PS 80-2008 (except section 4 & 5), IAPMO ANSI Z1000-2007(witness testing only), IAPMO Z1001-2007 (witness testing only), ASME A112.14.3-2000 (Witness Test Only), ASME A112.14.4-2001 (Witness Testing Only), IAPMO IGC 183-2008 (witness testing only), ASME A112.14.6-2010 (Witness Testing Only), CSA B481-2007, CSA B66-2005, IGC 213-2005 (Witness Test Only), PS 81-2006

SHOWER PAN LINERS:

IAPMO PS 106-2010, IAPMO PS 46-2010

TOXICITY TESTING:

NSF 61-2010a, NSF 14-2010

VACUUM BREAKERS:

ASSE 1001-2008(CSA, CAN/CSA-B64.0;B64.1.1), ASSE 1002-2008, ASSE 1011-2004(CSA, CAN/CSA-B64.2.1, B64.2.2, B64.1.2), ASSE 1019-2004, ASSE 1020-2004, ASSE 1035-2008(CSA,CAN/CSA-B64.7), CSA B356-2000, ASME A112.1.3-2000

VALVES/FAUCETS:

ASME A112.14.1-2003 (R08), A112.18.1-2011 (CSA B125.1), ASSE 1003-2009, ASSE 1014-2005, ASSE 1016-2005, ASSE 1017-2009, ASSE 1018-2001, ASSE 1019-2004, ASSE 1035-2008 (CSA,CAN/CSA-B64.7), ASSE 1044-2001, ASSE 1057-2001(except section 4.4.1), ASSE 1062-2006, ASSE 1066-1997, ASSE 1069-2005, ASSE 1070-2004, CSA B356-2000, ANSI A117.1-2003, IGC 115-2009, IGC 128-2008, IGC 151-1999, IGC 152-1999, IGC 157-2010, IGC 163-2001r1, IGC 170-2002r1 (except 4.1 & 4.2), ASME A112.18.8-2009, IGC 204-2004, IGC 206-2004, IGC 216-2005, IGC 230-2006, IGC 232-2006 (except Section 4.1), IGC 234-2006, IGC 267-2010, IAPMO PS 72-2007, MSS SP-70-1998, MSS SP-71-2005, MSS SP-72-1999, PS 86-1995, PS 104-1997, PS 112-1999 (except section 3.1), METAL ANALYSIS, PS 115-2007 (except 5.6), PS 116-1999 (except 4.4), AB 1953, EPA WaterSense Lavatory Faucet Specification Version 1.0 Dated 10/1/07, EPA WaterSense Specification for Showerheads Version 1.0 Dated 3/4/10, MSS SP 67-2002a, MSS SP 80-2008, ASME A112.4.14-2004

VITREOUS/NON VITREOUS CHINA FIXTURES:

ASME A112.19.2/CSA B45.1-08, ASME A112.19.3/ CSA B45.4-08, .9M, IGC 156-2009, ASME A112.6.2-2000 (R2004), PS 99-2007, ANSI A117.1-2003, ASME A112.19.12-2006, ASME A112.18.2-2011 (CSA B125.2), ASME A112.19.192006, EPA High Efficiency Flushing Urinal Specification Version 1.0 Dated 8/14/09

WATER CLOSETS:

ASME A112.4.2-2009, ASME A112.6.2-2000 (R2004), ASME A112.19.14-2006, IAPMO IGC 45-2006, IGC 150-2009, IGC 207-2009a, IGC 222-2005 (except Sec. 4.6), IAPMO TS 1-2005, TS 24-2009, TS 34-1997e1, LADWP SPS-2005, UNAR 2006, EPA WaterSense Specification for Tank-Type Toilets Version 1.1 Dated 5/20/11, ASME A112.3.4-2003 (R04)

WATER FILTERS/ CONDITIONERS:

IAPMO IGC 214-2008

WATER HEATERS:

IAPMO IGC 86-2002

ASME A112.18.1-2005/ CSA B125.1-05 (Less Section 2.1 Toxicity Evaluation but include Water Extraction), ASSE 1014-2005, ASSE 1016-2005, ASSE 1019-2004, IAPMO IGC 157-2010, IAPMO PS 50-2010 , CSA-B125.3-05, ANSI A117.1-2003, EPA High-Efficiency Lavatory Faucets-2007, IAPMO IGC 267-2010, MSS-SP-80-2008, EPA High Efficiency Shower Heads 2010, NSF 14-2009

VITREOUS CHINA FIXTURES:

ASME A112.19.2-2008/ CSA B45.1-08

WATER CLOSET:

ASME A112.19.14-2006, ASME A112.4.2-2009, ASME A112.6.2-200 (R2004), EPA High Efficiency Toilet -2007, LADWP SPS-2005, EPA High Efficiency Flushing Urinal-2009

INTERTEK TESTING SERVICE (SHENZHEN) LTD.

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NANSHAN DISTRICT, - 518067

Fax: 86755-83867498

Expires: 3/31/2012

CHINA

Number of Employees:

Contact: LILIAN CHEN

Tests to Standards:

TOXICITY TESTING:

NSF 61.9-2008, NSF 61.4-2008, NSF 61.8-2008 (Except Water Extraction)

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Expires: 7/31/2012
Number of Employees: 22

Tests to Standards:

PLASTIC PIPE & FITTINGS:

ASTM F876-2008a, ASTM F877-2007, ASTM F1055-1998e1, ASTM F1807-2008, ASTM F2023-2004, ASTM D2513-2008, ASTM D3035-2003a, AWWA C906-1999, AWWA C901-1997, CSA B137.4-2005, CSA B137.5-2005, CSA B137.1 (Section 4.2.5.2 & 5.1.5)

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Fax: 886-4-2350-2127

Lab#: 0000067
Expires: 9/30/2012
Number of Employees: 43

Tests to Standards:

Backflow Preventers:
ASME A112.18.3-2002 (R08)

BALLCOCK/ FLUSHOMETERS:
CSA B125.3-2005

METAL PIPE/FITTINGS:
ASME A112.18.2-2005/CSA B125.2

NON-METALLIC PIPE & FITTINGS:
ASME A112.18.6-2008 (Except NSF 61 of Sec. 3.1)

VACUUM BREAKERS:
ASSE 1014-2005, ASSE 1019-2004

VALVES/FAUCETS:
ASSE 1016-2005, ASME A112.18.1-2005/CSA B125.1-2005 (Except toxicity per Section 4.9), AB 1953, ASSE 1070-2004, EPA WaterSense HELF, EPA WaterSense Shower Head

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Number of Employees: 80

Tests to Standards:

MFG'D HOUSING/RV COMPONENTS:

ANSI Z124.1.2 -2005(CSA B45.5-08), Z124.3-2005 (CSA B45.5), Z124.6-2007 (CSA B45.5);

PLASTIC FIXTURES:

ANSI Z124.1.2-2005 (CSA B45.5), Z124.3-2005 (CSA B45.5-08), Z124.6-2007 (CSA B45.5-08),
ASME/ANSI A112.19.7-2006, ASME A112.19.15-2005

NATIONAL CENTRE FOR SUPERVISION & INSPECTION OF DRAINAGE IRRIGATION & WATE

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Expires: 8/30/2012
Number of Employees: 20

Tests to Standards:

Ballcocks/Flushometers:

ATS 5200.016-2005, ATS 5200.017-2005, ASME 1002-2008, ASSE A112.19.5-2005

Metal Fixtures:

ASME A112.19.3-2008/CSA B45.4-08, CSA B45-08

Metal Pipe\Fittings:

ASTM A888-2008, ASTM C1277-2006, ASME A112.18.2-2005/CSA B125.2-05, ASSE 1061, ASME B16.22

Nonmetallic Pipe\Fittings:

ASME A112.18.6-2003 (except section 4.2), AS/NZS 3499:2006

Plastic Fixtures:

ANSI Z124.1.2 (Except Sections 5.3, 6.1, 6.3), IAPMO IGC 154

Valves\Faucets:

AS/NZS 3718:2005, AS/NZS 3662:2005, ASME A112.18.1-2011/CSA B125.1-11, IAPMO IGC 157, EPA WaterSense HELF, EPA WaterSense HET, MSS SP-80

Virteous China Fixtures:

AS 1976-1992, AS 1756-1999, AS 3494-1997, AS/NZS 1730:1996, AS/NZS 3982:1996,
ASME A112.19.2-2003, CSA B45.0-08 (for ceramic plumbing fixtures), CSA B45.1-08

Water Closets:

AS 1172.1-2005, AS 1172.2-1999, ASME A112.19.14-2006, IAPMO PS50/ CSA B125.3, LADWP-2005

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Phone: 734 769-8010
Fax: 734-827-7182

Lab#: 0000057
Expires: 5/31/2012
Number of Employees: 260

Tests to Standards:

BACKFLOW PREVENTERS:

ASSE 1012-2002 (CSA,CAN/CSA-B64.8-94), 1013-2005 (CSA,CAN/CSA-B64.4-94), 1015-2005, 1019-2004, 1020-2004 (CSA, B45.2-94), 1022-2003, 1024-2004 (CSA, CAN/CSA-B64.3-94), 1032-2004, 1035-2008 (CSA,CAN/CSA-B64.7-94), 1047-2005, 1048-2005, 1052-2004

BALLCOCKS & FLUSHMETERS & FLUSH VALVES:

ASSE 1002-2008, ASSE 1037-1990, ASME A112.19.5-2005

CEMENTS, SOLDERS & JOINT COMPOUNDS:

ANSI/NSF 14-2007, ANSI/NSF 61-2008, ASTM D 2235-2004, D 2564-2004e1, D 3138-2004, D 3139-1998 (R05), ASTM F 493-2004

FOOD EQUIPMENT:

NSF/ANSI 2-2009, NSF/ANSI 4-2009, NSF/ANSI 7-2009, NSF/ANSI 8-2009

MFD. HOUSING/R.V. COMPONENTS:

ANSI/NSF 24- 1988(R06), ANSI Z 124.1.2-2005, ANSI Z 124.3-2005, ANSI Z 124.4-2006, ANSI Z 124.5-2006, ANSI Z 124.6-2007, ANSI Z 124.7-2006 (CSA, CAN/CSA-B45S1-88), ASME A112.19.10-2003(R08), ASME A112.21.1, ASME A112.21.3M-1985(R2001), ASME A112.36.2-1991(R08), CSA B45.1-2002(R08), CSA B45.2-2002(R08), CSA B45.3-2002(R08), CSA B45.4-2002(R08), IGC 195-2009

METAL FIXTURES:

ASME A112.1.2-2004, ASME A112.3.1-1993, ASME A112.18.1-2005, ASME A112.18.6-2009, ASME A112.18.7-1999(R2004), ASME A112.19.1 -2008(CSA, B45.2-2002(R08)), ASME A112.19.2-2008, ASME A112.19.3 (CSA, B45.4-2002(R08)), ASME A112.19.7-2006 (CSA, CAN/CSA-B45S1-88), ASME A112.19.10-2003(R08), ASME A112.21.1, ASME A112.21.3M-1985(R2001), ASME A112.36.2-1991(R08), CSA B45.1-2002(R08), CSA B45.2-2002(R08), CSA B45.3-2002(R08), CSA B45.4-2002(R08), IGC 195-2009

METAL PIPE & FITTINGS:

ASME A112.18.2-2005, ASME A112.6.3-2001, ASME B16.22-2001, ASTM B 280-2008, B 306-2002, C 1277-2008, F 1807-2008, F 2080-2008, PS 117-2008, ASTM B687-1999(R05)e1

NONMETALLIC PIPE/FITTINGS:

ASTM C 1460-2008

PLASTIC CELL CLASS TESTING:

ASTM C 564-2003a(except sec. 9.7(ozone exposure)),ASTM D 1248-1984, ASTM D 1784-2008, ASTM D 3350-2008, ASTM D 3965-2005, ASTM D 4101-2008

PLASTIC FIXTURES:

ASSE 1010-2004, ASSE 1014-2005, ASSE 1050-2002, ASSE 1051-2002, CSA B45.5-2002 (R08), IAPMO PS 99-2007

PLASTIC PIPE/FITTINGS:

ASTM D 1527-1999, D 2104-2003(CSA, B137.3-93), D 1785-2006, D 2235-2004, D 2239-2003, D 2241-2005, D 2447-2003(CSA, B137.3-93), D 2464-2006, D 2466-2006, D 2467-2006, D 2513-2008, D 2609-2002, D 2661-2008(CSA, CAN/CSA-B181.1-M90), D 2665-2009(CSA, CAN/CSA-B181.2-M90), D 2672-1196a(R2003), D 2683-1970, D 2729-2003, D 2737-2003, D 2751-2005, D 2846-2009(CSA, B137.6-M1983), D 2996-2001,D 3034-2008, D 3035-2003a, D 3138-2004, D 3212-1996a, D 3261-1997, D 3309-2002, F 409-2002(R08), F 437-2006, F 438-2004, F 439-2006, F 441-1999, F 442-1999, F 480-2006b, F 876-2008a, F 877-2007(CSA, CAN/CSA-B137.5-M89), F 1055-1998e1, F1216-2007b, F 1281-2007(CSA, CAN/CSA-B137.9-M91), F 1282-2006(CSA, CAN/CSA-B137.10-M91), F 1335-2004, F 1336-1999(R03),F 1412-2009, F 1866-2005, F 1960-2004, F 1970-2005, F 1974-2004, F 1986-2001, F 2389-2007, AWWA C 900-1997, C 901-1997, C 906-1999, C 907-2004, CSA B 137.1-2002, CSA B 137.2-2002, CSA B 137.3-2002, CSA B 137.4-2002, CSA B 137.5-2005, CSA B 137.6-2002, CSA B 137.7-2002, CSA B 137.8-2002, CSA B 137.9-2005, CSA B 137.10-2002, CSA B 137.11-2002, CSA B 181.1-2002, CSA B 181.2-2002, NSF 14-2007, IAPMO IGC 109-2009, IGC 210-2005a, IGC 223-2007, PS 33-2009c, ASTM A 1045-2008, IAPMO IGC 277-2010.

POOL SPA COMPONENTS & SYSTEMS: (DE Filters, Sand Filters, Multi-port Valves, Cartridge Filters, Centrifugal pumps, Multiport vavles, Recessed automatic surface skimmers, Adjustable output chemical feeders, Flow through chemical feeders, Process equipment-includes: Ozone generators, UV-Hydrogen Peroxide disinfection systems, In-line electrolytic chlorine/bromine generation, Brine-type electrolytic chlorine/bromine generation, and Copper/silver in generation disinfection systems.), IAPMO PS 33-2009c flexible spa hose , IAPMO SPS-4 -2009 suction fittings

SEPTIC SYSTEMS:

CSA B 66-2005,B 481-2007, IAPMO PS 1-2007, PS 63-2005, ASME A112.14.3-2000, ASME A112.14.4-2001, PDI-G101-1998, IAPMO Z1000-2007

SHOWER PAN LINERS:

ANSI Z 124.2-2005 (CSA, B45.5-94), ANSI Z 124.8-1990, ASTM D4551-1996(R08)e1

TOXICITY:

ANSI/NSF 14-2007, ANSI/NSF 51-2007, ANSI/NSF 60-2009, ANSI/NSF 61-9-2008

VACUUM BREAKERS:

ASSE 1001-2008, ASSE 1011-2004(CSA, CAN/CSA-B64.2.1-94, B64.2.2-94, B64.1.2-94), 1060-2006, CSA B64-2001, ASSE 1056-2001

VALVES & FAUCETS:

ASME A112.18.1-2005 (CSA, CAN/CSA-B70-M91),ASME A112.19.2-2008, ASSE 1003-2001(up to 1' only), 1016-2005, CSA B 125-2005, B 356-2000 (up to 1' only), LADWP SPS Ultra Low Flush Supplement to ASME A112.19.2-2008, IGC 168-2001, IAPMO PS 87-1995, IAPMO PS 101-1997

VITREOUS CHINA FIXTURES:

ASME A112.19.2-2008, CSA B 45.2-2002(R08)

WATER CLOSETS:

ANSI Z 124.4-2006, ANSI Z 124.9-2004 (CSA B 45.2-2002(R08), ASME A112.14.2-2009

WATER FILTERS/CONDITIONERS:

AANSI/NSF 53-2007a, IAPMO PS 65-2002

WATER HEATERS:

ASME A112.18.1-2005

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Lab#: 0000033
Expires: 3/31/2012
Number of Employees: 11

Tests to Standards:

BBACKFLOW PREVENTERS:

ASME A112.1.2-2004, ASSE 1001-2008 (CSA, CAN/CSA-B64.0-94;B64.1.1-94); ASSE 1002-2008; ASSE 1011-2004(CSA, CAN/CSA-B64.2.1-94, B64.2.2-94, B64.1.2-94); ASSE 1019-2004; ASSE 1020-2004(CSA, B45.2-94); ASSE 1021-2001, ASSE 1024-2004 (except material), ASSE 1035-2008(CSA,CAN/CSA-B64.7-94); ASSE 1037-1990; ASSE 1052-2004 (CSA, CAN/CSA-B64.2.1-94, B64.2.2-94, B64.1.2-94); ASSE 1056-2001 (Except Material Toxicity), PS 65-2002, ASSE 1055-2009

BALLCOCKS & FLUSHMETERS:

ASME A112.19.5-2005; ASME A112.19.10-2003 (R08), ASSE 1002-2008, ASSE 1037-1990 (except toxicity)

FIRE:

ASTM E 84-10b

FUEL GAS ITEM:

ASTM D 1598-2002; ASTM F1973-2008

MANUFACTURING HOUSING & RV COMPONENTS:

IAPMO PS 34-2003 (Except Cell Classification), TS 1-2005; TS 4-2006; TS 2-2005, TS 11-2005e1, TS 20-2009, TS 22-1997e1 (except 4.3.3), TS 30-1997e1

METAL FIXTURES:

ASME A112.6.1M-1997 (R08), ASME A112.6.7-2001, ASME A112.18.2-2005, ASME A112.19.1-2008(CSA, B45.2-94); ASME A112.19.3-2008 (CSA, B45.4-94); IAPMO IGC 194-2004a;IAPMO PS 46-2010, PS 54-2011, ASSE 1072-2007

METAL PIPE & FITTINGS:

ASME A112.18.6-2009(except toxicity), ASSE 1010-2004 (except material), ASTM C 1277-2009a, ASME A112.18.2-2005,IAPMO PS 42-1996, IAPMO PS 55-1992 (except materials), IAPMO PS 79-2005 (except toxicity), IAPMO PS 95-2001, IGC 263-2008, IGC 275-2010

NON-METALLIC PIPE/FITTINGS:

ASME A112.18.6-2009 (except toxicity)

NON VITREOUS CHINA FIXTURES:

IAPMO PS 46-2010

PLASTIC PIPE/ FITTINGS:

ASME A112.6.3-2001, ASME A112.6.4-2003 (R08), ASTM D 1599-1999, ASTM D 2513-2009a (Sustained Pressure Test), ASTM D 2661-2008 (except materials)(CSA, CAN/CSA-B181.1-M90), ASTM D 2665-2010 (CSA, CAN/CSA-B181.2.-M90), ASTM D 2662-1993, ASTM D 2666-1993, ASTM D 2737-2003 (Except Basic Material-Cell Class), ASTM D 2846-2009b (except cell classification), ASTM F409-2002 (R08) (Except Cell Classification), IAPMO IGC 67-2007, ASME A112.14.1-2003 (R08), IAPMO PS 42-1996, IAPMO PS 69-2006 (except materials)

PLASTIC FIXTURES:

ANSI Z124.1.2-2005 (CSA, B45.5-94); ANSI Z124.3-2005 (CSA, B45.5-94), ANSI Z 124.4-2006 (CSA, B45.5-94), ANSI Z124.5-2006 (CSA, B45.5-94); ANSI Z124.6-2007 (CSA, B45.5-94), ANSI Z124.7-1997 (CSA, B45.5-94); ANSI Z124.8-1990, ANSI Z124.9-2004, ASTM F 462-1979, IAPMO PS 46-2010, PS 98-1996, PS 99-2007, Flammability (ASTM E 162-1983, ASTM E 662)

POOL/SPA COMPONENTS /FTGS:

ASME A112.19.7-2006 (CAN/CSA-B45S1-88); ANSI Z124.7-1997 (CSA, B45.5-94); IGC 171-2007 (except section 7.3)

SEPTIC SYSTEMS:

IAPMO PS 52-2009, PS 59-2010 (Less Cell Class), IGC 150-2009

SHOWER PAN LINER:

ANSI A118.10-2008, ASTM D 4551-1996 (R08)e1 (Except Shear Resistance)

VACUUM BREAKERS:

ASME A112.1.3-2000, A112.3.1-2007 (except section 3.2), IAPMO IGC 275-2010

VALVES & FAUCETS:

ASME A112.4.7-2002 (R08) (except toxicity), A112.18.1-2011/ CSA B125.1-05 (Less Toxicity); ASME A112.19.5-2005, ASSE

1014-2005 (except material); ASSE 1016-2005, ASSE 1017-2009 (except material toxicity); ASSE 1018-2001 (except material); ASSE 1044-2001; ASSE 1057-2001 (except material); ASSE 1062-2006 (except material); ASSE 1066-1997 (except material), IAPMO PS 72-2007 (except toxicity), IGC 168-2001 (except toxicity), IGC 267-2011, EPA WaterSense High Efficiency Lavatory Faucets, EPA WaterSense High Efficiency Showerheads (Section 5 Witness Test Only)

VITREOUS CHINA FIXTURES:

ASME A112.19.2-2008; ASME A112.19.19-2006, EPA WaterSense High Efficiency Urinals

WATER CLOSETS:

ASME A112.3.4-2000 (R04); ASME A112.19.2-2008; IASME A112.19.3-2008, IAPMO PS 67-2010, LADWP SPS Specification, UNAR 2006, IAPMO IGC 161-2007, EPA WaterSense High Efficiency Toilet Specification

SGS-CSTC SHANGHAI HEC/ HG LAB

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Lab#: 0000084
Expires: 4/30/2012
Number of Employees: 43

Tests to Standards:

LOW LEAD:
AB 1953

METAL FIXTURES:
ASME A112.19.1-2008/CSA B45.2-2008, ASME A112.19.3-2008/CSA B45.4-2008,

METAL PIPE/FITTINGS:
ASME A112.18.2-2005, ASTM A 888-2008

NON METALLIC PIPE/FITTINGS:
ASME A112.18.6-2009/ CSA B125.6-09(less Toxicity), CSA B125.3-2005

PLASTIC FIXTURES:
ANSI Z124.1.2 -2005(less sections 5.3 & 6.1), ANSI Z124.3-2005(less section 5.3), CSA B45.5-2002 (R08), ANSI Z124.5-2006, ANSI Z124.6-2007(less section 5.3), CSA B45.5-2002 (R08), IAPMO IGC 154-2008, IAPMO IGC 172-2008 (CSA B45.11-04).

PLASTIC PIPE/FITTINGS:
IAPMO IGC 224-2009

TOXICITY TESTING:
NSF 61-9, NSF 61-8

VALVE/FAUCETS:
ASME A112.18.1-2005/CSA B125.1-2005, WaterSense HELF, IAPMO IGC 157-2010(Except section 6.7)

VITREOUS/NON VITREOUS CHINA FIXTURES:
ASME A112.19.2-2008/CSA B45.0-2002 (R08) (Lavatories and Gravity/Flushometer-Tank Water Closets), WaterSense HET(2007)

WATER CLOSETS:
ASME A112.19.14-2006

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Lab#: 0000086
Expires: 11/30/2012
Number of Employees: 13

Tests to Standards:

Ballcocks/Flushometers:
ASME A 112.19.10-2008

Plastic Fixtures:
AS 2887, AS 2888

Metal Fixtures:
CSA B45.4-08, ASME A112.6.3-2001, ASME A112.6.4-2003 (R08), ASME A112.6.9-2005

Metal Pipe\Fittings:
ASME A112.6.4-2008, ASME A112.6.9-2005, IGC 270-2008 , ASME A112.3.1-2007

Virteous China Fixtures:
ASME A112.19.2-2008/CSA B45.1-08, ASME A112.19.14-2006, EPA WaterSense High Efficiency Toilet 2007

Water Closets:
ASME A112.19.14-2006, AS 1172

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Lab#: 0000032
Expires: 3/31/2012
Number of Employees: 4

Tests to Standards:

APPLIANCES:

AHAM DW-1-2010

BACKFLOW PREVENTERS:

ASME A112.18.3-2002 (R08) (except section 15), ASSE 1014-2005, ASSE 1011-2004 (CSA, CAN/CSA-B64.2.1-94, B64.2.2-94, B64.1.2-94), ASSE 1020-2004 (CSA, B45.2-94), ASSE 1021-2001, ASSE 1035-2008 (CSA, CAN/CSA-B64.7-94), ASSE 1079-2005, IAPMO PS 23-2006a, ASME A112.14.1-2003 (R08), ASME A112.4.2-2009, ASSE 1053-2004

BALLCOCKS/FLUSHMETERS:

ASME A112.19.10-2003 (R08), ASSE 1037-1990, ASSE 1002-2008 (CSA, B45.2-94), ANSI A112.19.5-2005

CEMENT\SOLDER/JOINT COMPOUNDS:

ASTM B32-2008, B 813-2010, ASTM D 2235-2004, ASTM D 2564-2004e1, ASTM D 2672-1996a (R2009), ASTM D 2855-96 (R2002), ASTM D 3122-1995 (R2002), ASTM F656-2010, IAPMO PS 36-1990

CLAY PIPES:

ASTM C425-2004 (CSA, A60.3-M1976)

LOW LEAD:

AB 1953

METAL FIXTURES:

ASME A112.19.1-2008 (CSA, B45.2-94), ASME A112.19.3-2008 (CSA B45.4-94), ASME A112.6.1M-1997 (R08), ASME A112.6.2-2000 (R2004), ASME A112.6.3-2001, ASME A112.6.4-2003 (R08), ASME A112.6.7-2001

METAL PIPE FITTINGS:

ASME A112.18.2-2011/CSA B125.2, ASTM A74-2009, ASTM A888-2011, ASTM B88-2009, ASTM B135-2002, ASTM B280-2008, ASTM B306-2009, ASTM B584-2006a, ASTM C1173-2010, ASTM C1277-2011 (CSA B602), ASTM C1540-2009a, IAPMO IGC 100-1998, IGC 198-2004, ASME A112.6.4-2003 (R08), PS 95-2001, CISPI 301-2009, CISPI 310-2011, ASTM F1807-2011ae1, ASME B16.15-2006, ASME B16.22-2001, ASME B16.29-2001, ASSE 1061-2011, ASTM B687-05 e1, ASTM B 360, ASTM B 743

MFG'D HOUSING/RV COMPONENTS:

IAPMO TS 28-2006

NONMETALLIC PIPE\FITTINGS:

ASME A112.18.6-2009, ASTM C428-2005, ASME A112.6.4-2003 (R08), IAPMO PS 90-2006

PLASTIC CELL CLASS TESTING:

ASTM D 1248-1984, ASTM D 1784-2008, ASTM D 3350-2008, ASTM D 3935-2009, ASTM D 3965-2005, ASTM D 4101-2010, ASTM D 4066-01a(2008), ASTM C 564-2009a (CSA, CAN/CSA-B70-M91)

PLASTICS FIXTURES:

ANSI Z 124.1.2-2005 (except section 5.1), ANSI Z 124.3-2005 (except section 5.1), ANSI Z 124.4-2006 (except section 5.1), ANSI Z 124.5-2006, ANSI Z 124.6-2007 (except section 5.1), IAPMO IGC 172-2010, IAPMO PS 55-1992, ASME A112.4.2-2009 CABO/ANSI A117.1-2003, CSA B45.11-2004

PLASTIC PIPE\FITTINGS:

ASTM D 1527-1999, ASTM D 1785-2006(CSA, B137.3-93), ASTM D 2104-2003(CSA, B137.3-93), ASTM D 2146-1982 (CSA, CAN/CSA-B137.11-93), ASTM D 2235-2004, ASTM D 2239-2003(CSA, B137.3-93), ASTM D 2241-2009, ASTM D 2282-1999, ASTM D 2321-2005, ASTM D 2447-2003(CSA, CAN/CSA-B137.1-M89), ASTM D 2464-2006, ASTM D 2466-2006, ASTM D 2467-2006, ASTM D 2564-2004e1, ASTM D 2661-2008(CSA, CAN/CSA-B181.1-M90), ASTM D 2665-2010(CSA, CAN/CSA-B181.2-M90), ASTM D 2672-1996a (R2009), ASTM D 2680-2001 (R09), ASTM D 2729-2003, ASTM D 2737-2003, ASTM D 2751-2005, ASTM D 2846-2009b(B137.6-M1983), ASTM D 2855-96 (R2002), ASTM D 3033-1985, ASTM D 3034-2008, ASTM D 3212-1996a, ASTM D 3311-2009a, ASTM D 3965-2005, ASTM D 4068-2009, ASTM D 4551-1996 (R08) e1, ASTM F 409-2002 (R08), ASTM F 437-2006, ASTM F 438-2009, ASTM F 439-2009, ASTM F 441-1999, ASTM F 442-1999, ASTM F 628-2008, ASTM F 789-1995a, ASTM F 794-2003 (R09), ASTM F 876-2010, ASTM F 877-2001a(CSA, CAN/CSA-B137.5-M89), ASTM F 891-2010, ASTM F 949-2003, ASTM F 1281-2007, ASTM F 1282-2010, ASTM F 1412-2009, ASTM F 1673-2004, ASTM F 1960-2004, ASTM F 1974-2009, ASME A112.19.12-2006, IGC 228-2006, IAPMO PS 69-2006, PS 66-2000

PLASTIC WRAP TAPES/COATINGS:

IAPMO PS 37-1990 (except Dielectric)

POOL/SPA COMPONENTS/FTGS:
IAPMO SPS 5-2006, IAPMO PS 33-2011

SHOWER PAN LINERS:
ASTM D 4068-2009, ASTM D 4551-1996 (R08)e1

TOXICITY:
NSF 14-2010, NSF 61-2010a

VACUUM BREAKERS:
ASSE 1001-2008, ASSE 1011-2004, ASSE 1014-2005, ASSE 1020-2004 (CSA,CAN/CSA-B64.1.2-94)

VALVES/FAUCETS:
PS 72-2007, ASME A112.4.2-2009, ASME A112.18.1-2001/CSA B125.1-08, MSS SP-80-2008, ASME A112.18.6-2009, ASSE 1014-2005, ASSE 1016-2005, ASSE 1017-2009, ASSE 1019-2004, ASSE 1066-1997, IAPMO IGC 157-2010, EPA WaterSense High Efficiency Lavatory Faucet Specification Version 1.0 Dated 10/1/07, EPA WaterSense Specification for Showerheads Version 1.0 Dated 8/14/09, IGC 267-2011

VITREOUS CHINA FIXTURES:
ASME A112.19.2-2008

WATER CLOSETS:
ASME A112.19.2-2008, ASME A112.19.14-2006, IAPMO PS 50-2010, ASME A112.19.3-2008, IAPMO PS 67-2010, ASME A112.4.2-2009, LADWP SPS req. for Ultra-Low-Finish Toilets Supplementary Specification to ASME A112.19.2M & ASME A112.19.2-2005, UNAR 2006, ASME A112.6.2-2000 (R2004), EPA WaterSense Specification for Tank-Type Toilets Version 1.1 Dated 5/20/11

POLYMER ID:
FTIR Scanning for Polymer ID, Microscopic & U.V. Visible Spectrophotometric for Additives ID

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Expires: 10/31/2012
Number of Employees: 800

Tests to Standards:

APPLIANCES:

AHAM DW-2PR, AHAM HLW-2PR, ANSI Z21.13, ASSE 1006, 1007, 1008, 1023, MIL-P-21214B, MIL-P-21251B, MIL-P-21251E, MIL-P-52407(A), MIL-P-62156 (1), NSF 3, UL 80, 103, 352, 430, 441, 499, 563, 726, 749, 778, 834, 921, 1453,

BACKFLOW PREVENTERS:

ASME A112.14.1, ASSE 1021, ASSE 1037

BALLCOCK/FLUSHOMETERS:

ASSE 1002, ASSE 1037

CEMENT/ SOLDER /JOINT COMPOUND:

ASTM D2672, F402

CLAY PIPES:

UL 443

FUEL GAS ITEMS:

ANSI Z21.41, UL 144, UL 569, NFPA 99, 99C, ASTM F1973

METAL FIXTURES:

ASME A112.19.9M (CSA, B45.1-94)(Witness Test), A112.19.3M (CSA, B45.4-94)(Witness Test), A112.19.4M (Witness Test), PS 117(Witness Testing Only)

METAL PIPE/FITTINGS:

ASME B16.1(Witness Test), ASME B16.3(Witness Test), ASME B16.4(Witness Test), AWWA C151/A21.51(Witness Test), AWWA C153/A21.53(Witness Test), IAPMO PS 53(Witness Test), UL 213

PLASTIC FIXTURES:

ASME A112.19.1M (CSA, B45.1-94), ANSI Z124.9,
(ANSI Standards as listed below except Flammability):
ANSI Z124.1.2, Z124.3, Z124.4, Z124.5, Z124.6, Z124.7

PLASTIC PIPE/FITTINGS (Standards as listed below except Impact Testing):

ASTM D1785, 2464, 2466, 2467, 2665(CSA, CAN/CSA-B181.2-M90), 2729, 3034(CSA, CAN/CSA-B182.2-M90), 3212, 794, ASTM D877 (except section 7.5 thermo cycling), F891, AWWA C900, NSF 14 (on-site & witness)

POOL/SPA COMPONENTS\FITTINGS:

ASME A112.19.7M (CSA, CAN/CSA-B45S1-88)(Except Sections 3.2 and 3.3.1)

SEPTIC SYSTEMS:

ASTM C478

TOXICITY:

NSF 60 ANSI/NSF61, 61.9

VALVES/FAUCETS:

ASME A112.18.1/CSA B125.1 (except 5.10.6)(Witness Test), ASME B1.20.1, ASSE 1014(Witness Test), ASSE 1016 (witness testing only), ASSE 1023, ASSE 1062(Witness Test), CSA B125 (except coating, corrosion, abrasion), UL 399

VITREOUS CHINA FIXTURES:

ASME A112.19.2M

WATER CLOSETS:

ANSI A112.19.5

WATER HEATERS:

ASME A112.19.5, ANSI Z21.10.3, Z21.10.3a, Z21.10.3b, Z21.10.1a, Z21.10.1b, UL 174, UL 732, AWWA C/110A21.10

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Expires: 10/31/2012
Number of Employees: 6

Tests to Standards:

BALLCOCKS/ FLUSHOMETERS:
ASSE 1002-2008

CEMENT SOLDER/JOINT COMPOUND:
ASTM B 32-2008, ASTM B813-2010,ASTM F493-2004

FUEL GAS ITEMS:
ASTM F1973-2008

PLASTIC CELL CLASS TESTING:
ASTM D1784-2008, ASTM D2513-2009

PLASTIC FIXTURES:
ANSI Z124.1.2-2005, ANSI Z124. 3-2005, ANSI Z124.6-2007 (Except Section 4.4), CSA B45-2002

PLASTIC PIPE & FITTINGS:
ASTM D1598-2002 (R08), D1599-1999, D1785-2006(Except 6.2.1), D2241-2009, D2672-1996a, D3034-2006, D3212-1996a, 3350-2008 (Except Sections 10.1.7 & 10.1.9), D4101-1996a

POOL & SPA COMPONENTS & FITTINGS:
ASME A112.19.7M -2006(CSA, CAN/CSA-B45S1-88)

SEPTIC SYSTEMS:
ANSI/ IAPMO Z1000-2007 (ONLY Sections: 2, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4.3.1, 4.3.2, 5.1.1, 5.1.2, 5.1.3)

VALVES & FAUCETS:
ASME A112.18.1-2005/ CSA B125-05 (Except Sections 4.9, 4.12, 4.13, 5.2.3.3 & 5.10.6.3.3)

WATER CLOSETS:
ASME A112.19.5-2005, CSA B125-05

WATER QUALITY ASSOCIATION LABORATORY

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Expires: 3/31/2012
Number of Employees: 30

Tests to Standards:

WATER FILTERS/CONDITIONERS:

NSF 42-2009 (Except Section 7.2 & 7.4), NSF 44-2007, NSF 53-2007a, NSF 58-2009, NSF 60-2005, NSF 61-2008, NSF 62-2007, WQA S200-2000

VALVES/FAUCETS:

ASME A112.18.1-2005 (Sections 4.4, 5.9, 5.10), IGC 230-2006 (Except Sections: 5.4, 6.2, 6.3 and 6.8)

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Expires: 6/30/2012
Number of Employees: 16

Tests to Standards:

BALLCOCKS/FLUSHMETERS:

ASSE 1002-2008, CSA B125.3-2005 (fill valves and flush valves only), ATS 5200.016, ATS 5200.017

METAL FIXTURES:

ASME A112.19.1-2008/ CSA B45.2-2002 (R08) (except section 4.7.4), ASME A112.19.3-2008/ CSA B45.4

NONMETALLIC PIPE/FITTINGS:

ASME A112.18.6-2009

PLASTIC FIXTURES:

ANSI Z 124.5-2006

VALVES/FAUCETS:

ASSE 1014-2005, ASME A112.18.1-2005/CSA B 125.1-2005 (Except Sections 4.9, 4.10, 5.10), AB 1953

VITREOUS CHINA FIXTURES:

ASME A112.19.2-2008/CSA B45.1, A112.19.5-2005, ASME A112.19.14-2006, IAPMO PS 50-2010, EPA WaterSense High Efficiency Toilet-2007, IAPMO IGC 247-2007, ASME A112.18.2-2005/ CSA B 125.2-2005, AS 1076, EPA WaterSense High Efficiency Urinal-2009

WATER CLOSETS:

ASME A112.6.2,-2000 (R2004) LADWP-2005, AS 1172.1, AS 1172.2