



Personal Information:

Surname: Appleton
Given Name: Annemarie

Address: 635 Cannella Way
Riverdale, New Jersey 07457 USA

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E-mail: abappleton@appletonqualityconcepts.com

Date of Birth: December 18, 1957
Place of Birth: Montreal, Quebec, Canada

Citizenship: USA
Present Residence: USA

SUMMARY

Ms. Appleton is an expert in numerous areas of ASTM, ASME, and MSS materials specifications and product standards, and Quality System Programs for materials manufacturers and suppliers in process, pressure piping, and pressure vessel materials and piping components, especially in austenitic stainless and high-alloy materials. In particular she has extensive experience with the supply of materials in the commercial nuclear power industry under the requirements of ASME Section III NCA-3800/NCA-4000/HAB-3800/HAB-4000, ASME NQA-1, and the US Nuclear Regulatory Commission Regulations Title 10, Code of Federal Regulations, Appendix B to Part 50 - Quality Assurance Criteria for Nuclear Power Plants and Fuel Reprocessing Plants and Part 21--Reporting Of Defects And Noncompliance. Most recently, she has participated in the development and maintenance of the ASME QPS Quality Program for Suppliers General Industry Standard 2021. For more than the past 30 years, she has participated and achieved leadership positions in the consensus committees at various standards development organizations with jurisdiction over these specifications and standards. Ms. Appleton has been elevated to the grade of Fellow at both ASTM and ASME. Her industry SDO experience is alloyed with over 40 years of daily hands-on experience in quality management and production management of a pipe fitting manufacturing facility.



EMPLOYMENT

2023 - Present

President & Chief Consultant
Appleton Quality Consultants LLC
636 Cannella Way, Riverdale, NJ 07457
Phone 201-650-8262
abappleton@appletonqualityconcepts.com
www.appletonqualityconcepts.com

1981-2023

Knickerbocker Machine Shop Inc / Alloy Stainless Products Co. Inc. (ASP/KMS)
611 Union Boulevard Totowa, NJ 07512 & 87 Fairfield Road Fairfield, NJ 07004

2015-2023

ASP/KMS President & CEO

Executive Management responsibility for all Company Operations leading Sales, Production, and Finance to achieve overall Company goals to provide customers with excellence in conformance, quality, service, and integrity while striving to adapt the workplace to the dynamic challenges of the 21st century,

1994-2015

ASP/KMS Vice-President/Manufacturing

Executive Management responsibility for all Manufacturing / Production / Machinery Technology and Personnel, Scheduling, and Resource Allocation and all Quality/Engineering/Technical/Inspection Technology and Personnel, Scheduling, and Resource Allocation in @80 person Machine Shop/Manufacturing Operation with Production Staff of @8 Supervisory and @50 Operational; @6 in Quality Control / Assurance; = 1 Engineering, 1 Management, 4 Inspection including direct and delegated participation in Plant Technology innovation and improvement (machinery and equipment), Production Scheduling, Personnel Deployment, Union and other Employee Negotiations, and Quality Assurance Systems and Procedures, Standards and Specifications Review, Inspection Procedures and Practices, Supplier and Internal Audit Programs, Nonconforming Material Management, Quality Cost Reduction, Corrective Action Programs.

1991-1994

ASP/KMS Vice-President/Quality

Executive Management responsibility for all Quality / Engineering / Technical / Inspection Technology and Personnel, Scheduling, and Resource Allocation in @80 person Machine Shop with @6 in Quality Control / Assurance;= 1 Management, 1 Engineering, 4 Inspection, Management of Quality Assurance Systems and Procedures, Standards and Specifications Review, Inspection Procedures and Practices, Supplier and Internal Audit Programs, Nonconforming Material Management, Quality Cost Reduction, Corrective Action Programs

1986-1991

ASP/KMS Quality Control Manager

Management responsibility for all Quality / Engineering / Technical / Inspection Technology and Personnel, Scheduling, and Resource Allocation in @80 person Machine Shop with @6 in Quality Control / Assurance;= 1 Management, 1 Engineering, 4 Inspection. Responsible for Implementing Quality Assurance Systems and Procedures, Standards and Specifications Review, Inspection Procedures and Practices, Supplier and Internal Audit Programs, Nonconforming Material Management, Quality Cost Reduction, Corrective Action Programs

1986-Present

ASP/KMS Management Appointment ASP/KMS Nuclear Lead Auditor

1984-1986

ASP/KMS Quality Control Administrator

1981-1984

ASP/KMS Inside Sales Associate

1978-1979

Bard Parker Division Becton Dickenson ***Contract Sales Department Leader***

1977-1979

Bard Parker Division Becton Dickenson ***Contract Sales Department Clerk***



DEGREES and CERTIFICATIONS

2025-Present ASME Credentialed ASME Educator
2004-2010 Certified Quality Engineer ASQ CQE Certification No. 46754 issued 12/4/04
2004-2010 Certified Quality Manager ASQ CQM Certification No. 8430 issued 10/16/04
2004-2010 Certified Quality Auditor ASQ CQA Certification No. 30469 issued 6/5/04
1992-1995 Certified Quality Auditor ASQC CQA Certification No. 3052 issued 6/6/92
1985 A.A.S. Business Administration/ Accounting Passaic County Community College, Paterson, NJ

PROFESSIONAL SOCIETY AFFILIATIONS

2010-Present ASNT Member No. 135543 ASME
2000-Present Member No. 2850956 FELLOW
1992-Present MSS Technical Representative
1991-Present ASM Member No. 147133
1986-Present ASTM Member No AA6441300 (000107304) FELLOW
1986-Present ASQ Senior Member No. 100304

STANDARDS DEVELOPMENT ORGANIZATIONS

ASME American Society of Mechanical Engineers

2008-Present ASME B&PV Standard Committee II on Materials Executive Committee
2008-2023 Chair ASME B&PV Committee SCII SGFS Subgroup on Ferrous Specifications
2005-Present Member ASME B&PV Committee SCII on Materials
2000-Present Member ASME B&PV Committee SCII SGFS Subgroup on Ferrous Specifications
2025-Present Member Standards Committee on Qualification of Additive Manufacturing Processes For Construction Of Pressure Retaining Equipment
2017-2025 Contributing Member BPTCS/BNCs Spec Comm Use of Additive Manufacturing for Pressure Retaining Equip
2016-Present Member Board on Nuclear, Clean Energy, Power, and Facilities Codes and Standards
2021-Present Member Committee on Nuclear Certification
2019-Present Member ASME Standards Committee on Nuclear Quality Assurance
2011-Present Member ASME NQA Committee on Nuclear Quality Assurance SC Program Management Process
2025-Present Vice-Chair ASME B&PV Committee BPV III Committee on Construction of Components for Nuclear Facilities
2011-Present Member ASME B&PV Committee BPV III Committee on Construction of Components for Nuclear Facilities
2019-Present Member ASME Comm BPV III SGGR Working Group General Requirements
2018-2022 Chair ASME B&PV Committee BPV III SG-GR WG-GCCC Gen Req Graphite & Composite Core Components
2018-Present Member ASME B&PV Committee BPV III SG-GR WG-GCCC GR Graphite & Composite Core Components
2010-2018 Member ASME B&PV Committee BPV III SG-GCC Subgroup Graphite Core Components
2009-2018 Chair ASME B&PV Committee BPV III Joint TG SGGR/SGGCC on GR for Graphite Core Components
2009-2017 Member ASME B&PV Comm BPV III SGGR WGQACS Task Group on Reorganization of Subsection NCA
2009-2019 Member ASME B&PV Comm BPV III SGGR Working Group Quality Assurance, Certification & Stamping
2005-2008 Secretary ASME B&PV Committee SCIII SGGR Subgroup General Requirements
2001-2002 Secretary ASME B&PV Committee SCIII SGGR Subgroup General Requirements
1997-Present Member ASME BPV III Standards Committee on Nuclear Facility Components SGGR Subgrp General Reqs
1991-1994 Member ASME B&PV Task Group TG3800 (SCIII/SGGR) Re-write Subarticle NCA-3800
2011-Present Member ASME PTCS Committee B16 Standardization of Valves, Flanges, Fittings, and Gaskets
2004-Present Member US TAG ISO TC5/SC5 Thread Fittings, Solder Fittings, Weld Fittings, Pipe Thread, Thread Gauge
2025-Present Chair ASME PTCS Committee B16 Materials Technical Committee
2022-2025 Vice-Chair ASME PTCS Committee B16 Materials Technical Committee
2004-Present Member ASME PTCS Committee B16 Materials Technical Committee
2004-Present Member ASME PTCS Committee B16 Subcommittee C Steel Flanges and Flanged Fittings (B16)
2000-Present Member ASME PTCS Committee B16 Subcommittee F Steel Threaded and Welding Fittings (B16)



ASTM American Society for Testing and Materials

2018-Present	Member Committee F42 on Additive Manufacturing Technologies
2010-Present	Member ASTM Subcommittee A01.14 Task Group on Revision of ASTM-A-262
2006-Present	Member ASTM Committee A01 Executive Committee
2006-Present	Chair ASTM Subcommittee A01.14 Methods of Corrosion Testing
2005-Present	Member ASTM Subcommittee A01.14 Methods of Corrosion Testing
1991-1994	Secretary ASTM Subcommittee Section A01.22.02 Steel Forgings Wrought Fittings Bolting Materials
1990-Present	Member ASTM A01 Subcommittee 22 Steel Forgings, Wrought Fittings, Bolting Materials for Piping
1990-Present	Member ASTM A01 Subcommittee 22 Section 02 Welding Fittings
1990-Present	Member ASTM A01 Subcommittee 22 Section 03 Forgings
1990-Present	Member ASTM A01 Subcommittee 18 Castings
1990-Present	Member ASTM A01 Subcommittee 17 Flat-Rolled and Wrought Stainless Steel
1990-Present	Member ASTM A01 Subcommittee 10 Stainless and Alloy Steel Tubular Products
1990-Present	Member ASTM Committee A01 Steel, Stainless Steel and Related Alloys

MSS Manufacturer's Standardization Society of the of the Valve and Fittings Industry

2010-2015	Chair MSS Board of Directors Personnel Committee
2009-2015	Member MSS Board of Directors Information Technology Committee
2002-2015	Member MSS Board of Directors Personnel Committee
2002-2015	Member MSS Board of Directors
1992-Present	Member MSS Committee 105 Forged Steel Fittings
2023-Present	Vice-Chair MSS Committee 108 Ferrous Threaded Fitting
1992-Present	Member MSS Committee 108 Ferrous Threaded Fittings
1992-Present	Member MSS Committee 110 Steel Flanges & Flanged Fittings
1992-Present	Member MSS Committee 302 Marking and Terminology
1992-Present	Member MSS Committee 304 Quality Standards
1992-Present	Company Technical Representative MSS

EDUCATION & TRAINING

2024	ASME Train the Trainer
2024	ASME NQA-1 Part 1 – 18 QA Requirements 4.0 PDH
2024	ASME Design for Additive Manufacturing with Metals 1.0 CEU
2024	ASME Additive Manufacturing Manufacturability: Lasere Powder Bed Fusion .4 CEU
2024	Attendance at 11th ASTM AM CoE Snapshot Workshop .55 CEU
2024	GSC Project Management Professional (35 Contact Hours) 2.3
2023	ASME TRIZ The Theory of Inventive Problem Solving 2.4 CEU
2023	ASME Overview of QPS (Quality Program for Suppliers) General Industry .10 CEU and Exam 96.6%
2018	ASME Essentials: ASME BPV Code Section III Division 1 2.00 PDH Online 3/23/2018
2018	ASME How to get an N Stamp: Conformity Assessment, Reqs, & Procedures 3.00 PDH 3/13/2018
2018	ASME Essentials: ASME BPV Code Section III Subsection NCA 2.00 PDH Online 3/11/2018
2018	ASME Execution: How to get Results 1.50 PDH Online 3/05/2018
2018	ASME Introduction to Additive Manufacturing 1.50 PDH Online 3/04/2018
2018	ASME Technical Writing for Engineers 4.00 PDH Online 3/02/2018
2018	ASME Creating Effective Technical Presentations 2.00 PDH Online 3/01/2018
2018	ASME Ethics for Engineers 3.00 PDH Online 2/28/2018
2018	ASME Changing Organizational Culture 1.50 PDH Online 2/27/2018
2018	ASME Standards and Certification 2.00 PDH Online 2/26/2018
2017	ASTM Symp on Fatigue & Fracture of Additive Mfg Components 1.0 CEU 11/15-16/17, Atlanta, GA
2015	Piping Failures – Causes and Preventions, 7.50 PDH .75 CEUs, November 6, 2015 Atlanta GA
2011	ASME 2011 Leadership Soft Skills Forum, 3.5 PDH January 2011



2009	ASME Nuclear Power Plant Construction, 14 PDH June 2009
2005	ASQ Certified Quality Engineer 6.5 CEU January 2005
2004	NJMEP Principles of Lean Manufacturing Workshop November 2004
2004	ASQ Certified Quality Manager 4.0 CEU October 2004
2004	ASQ Certified Quality Auditor 3.0 CEU June 2004
2004	NiDI Seminar "Corrosion in the Chemical Process Industry: Applications of Nickel Containing Alloys"
2004	X-MET 880 Operator Training Program
2000	Teledyne Radiation Safety Training
1993	Skillpath Total Quality Management Seminar
1993	ASM Principles of Machining Course 5.0 CEU March 1993
1993	ASM Elements of Metallurgy Course 5.0 CEU March 1993
1992	ASQC Sec 0304 Certified Quality Auditing Course
1992	Juran Institute Total Quality Management Seminar 0.6 CEU Mar 1992
1985	Passaic County Community College - Associate Applied Science Degree
1975	DePaul R.C. Regional High School - Diploma

AWARDS

- 2025 ASTM A01 Committee on Steel, Stainless Steel, and Related Alloys Founding Committee Award
- 2025 ASME BPV II Committee on Materials Gold Standard Award
- 2025 ASME Codes & Standards Certificate of Acclamation
For excellence in development of proposed changes to the 2026 NQA Edition in support of the Clear Language Initiative
- 2024 ASME Fellow Grade
- 2020 ASME Bernard F. Langer Nuclear Codes and Standards Award
- 2019 ASTM International Fellow / Award of Merit Committee A01
- 2019 ASME Codes & Standards Certificate of Appreciation (15+ years BPVII and Subgroups)
- 2017 ASME Codes & Standards Certificate of Appreciation (15+ years SGGR-BPVIII)
- 2013 ASME Codes & Standards Certificate of Acclamation
For Outstanding Service to ASME and the Nuclear Industry in the Completing of a major technical revision of Section III resulting in the development of Division 5 – High Temperature Reactors published in the 2011 addenda of the ASME BPV Code Section III
- 2011 ASME Codes & Standards Certificate of Acclamation
In testimony of the high regard and appreciation of the Society for valued services in advancing the Engineering profession by the review, acceptance, and incorporation of the 2008 Edition of ASME NQA-1, Quality Assurance Requirements for Nuclear Facilities, into Section III of the ASME BPV Code.
- 2010 ASTM Committee A01 Award of Appreciation
In Recognition of Outstanding Service to Committee A01 as Chair of Subcommittee A01 on Methods of Corrosion Testing
- 2010 ASME Codes & Standards Certificate of Acclamation
For Outstanding Service to ASME and the Nuclear Industry in the Re-write of NCA-3800 Metallic Material Organization's Quality System Program published in the 1992 Edition 1994 Addenda of ASME Section III
- 2009 ASME Codes & Standards Certificate of Recognition for Service (10+ years B16)



PUBLICATIONS

Appleton,, "Microstructure Analysis for the Detection of Intermetallic Phases Predictive of Toughness and Corrosion Resistance in Duplex and Lean Duplex Steels." In STP1607-EB 100 Years of E04 Development of Metallography Standards, ed. G. V. Vander, (pp. 166-182). West Conshohocken, PA: ASTM International, 2019. doi:<https://doi.org/10.1520/STP160720170232>.

ASME UUQSM (NCA 3855.5) vs. CGD

Authors: Annemarie Appleton. Published June 12, 2014

<http://pbadupws.nrc.gov/docs/ML1415/ML14153A175.pdf>

OTHER ENGAGEMENTS

2019-2022	Trustee, Saint Joseph's Health Foundation Board, Paterson, NJ 07503
2018-2021	Director, Mental Health Association in Passaic County Board
2011-2018	Trustee, Saint Joseph's Wayne Hospital Foundation Board, Wayne, NJ 07470
2010-2018	Saint Joseph's Wayne Hospital Foundation Board Charity Ball Gala Committee
2010-2018	Saint Joseph's Wayne Hospital Foundation Board Charity Golf Outing Committee
2010-2022	Chair, Dr. Anthony J. Addeo Nursing Scholarship Committee, St. Joseph's Wayne Hospital
2005-2022	Member, Dr. Anthony J. Addeo Nursing Scholarship Committee, St. Joseph's Wayne Hospital
1992-2008	Director, Greater Community Bank, 55 Union Boulevard, Totowa, NJ 07512