



Date: July 20, 2024

Personnel Qualification - Audit / QA

Page 1 of 6

Name Annemarie Appleton	ANSI N45.2.23 2.3.1 NQA-1,PTIII,3.1-2.2	Written Exam
Title President	14 Credits	Passed 98 %
Job Function (Audit Program)	LEAD AUDITOR	

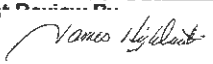
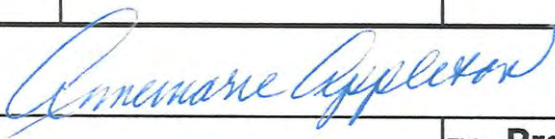
Auditor Qualification Basis - Education & Experience

Reference: ANSI N45.2.23-1978 Paragraph 2.3.1, ASME NQA-1, PART III, SUBPART 3.1-2.2

Category	Description	Credits
Education (4 credits Maximum)	Associate degree (1 credit) or, if the degree is in engineering, physical sciences, mathematics, or quality assurance (2 credits) Bachelor's degree (2 credits) or, if the degree is in engineering, physical sciences, mathematics, or quality assurance (3 credits) Additional Credits Master's degree in engineering, physical sciences, business management, or quality assurance (1 credit)	AAS Degree 1985 PCCC 1
Experience (9 credits maximum)	Technical Experience (1 credit per year; 5 maximum) Additional Credits 2 or more years in nuclear field (1 credit) 2 or more years in quality assurance (2 credits) 2 or more years in auditing (3 credits) 2 or more years in Nuclear QA (3 credits) 2 or more years in Nuclear QA auditing (4 credits)	More than 30 years in each 9
Other Credentials of Professional Competence (2 Credits Maximum) Membership in Technical, QA, Inspection, NDE Organizations, Participation in SDOs	(2 Credits Maximum- <i>provide detail</i>) Membership on MSS, ASTM, ASME technical committees for over 30 years	2
Rights of Management (2 credits Maximum) leadership, sound judgment, maturity, written and verbal communication skills, analytical ability, tenacity, past performance, and quality assurance training courses.	(2 credits Maximum - <i>provide detail</i>) Progressive management roles, leadership roles at SDOs, memos, reports, on-going training over 30 years	2

CERTIFICATION

Annemarie Appleton is hereby certified as qualified to perform as **Lead Auditor**

Original Qualification By Ray Perkins ASP/KMS QA Manager/Lead Auditor	Date 4/7/1986	Qualification Period	Effective Date 7/20/2024
Las... 	Date Digitally signed by James Highland DN: cn=Jim Highland, o=ou, email=jimhighland@gmail.com, c=US Date: 2024.07.26 15:34 -0400'		Expiration Date 7/20/2025
Quality Management Review & Approval	Signature 	Date 7/20/2024	
Name Annemarie Appleton	Title President		



Name Annemarie Appleton	Title President
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Education, Training & Experience
(Training plans, memos, and other credentials attached)

Work Experience

See resume (attached)

May 2023 - present Appleton Quality Concepts LLC

Provides Quality Assurance support to clients for Quality Assurance/Quality System Program and Audit Program development. Provides manual and procedure review and development support. Provides auditing support.

2023 - present AQC President/Chief Consultant/Lead Auditor

May 1986 - May 2023 Alloy Stainless Products Company/Knickerbocker Machine Shop Inc.

Performed or supervised all ASP/KMS vendor audits; Developed ASP/KMS auditing plans and procedures; Trained and qualified other ASP/KMS auditors; Approved subcontracted auditing services based on review of auditor qualifications; Prepared or approved audit reports and corrective actions resulting from audit findings. Provided Executive Oversight to Quality Function and acted as or designated appropriate personnel to perform functions of Quality Assurance Management, Oversight of Quality Department Manager, Quality Department, Inspection Department.

- 2015-2023 ASP/KMS President
- 2007-2015 ASP/KMS Vice-President/Manufacturing & Quality (Exec Quality Function)
- 1994-2008 ASP/KMS Vice-President/Manufacturing & Quality (Exec/Quality Function, Acting QA Mgr)
- 1991-1994 ASP/KMS Vice-President/Quality
- 1986-1991 ASP/KMS Quality Control Manager

Communication Skills

Good technical communication skills. 30+ years of audit experience writing audit summaries, reports and corrective actions. 30+ years of participation in Standardization Development Organizations writing material and product specifications and quality assurance requirements.

Audit Participation

Audit Participation since 1986 through 2024 (see attached list)

Participation in Standards Development Organizations writing Quality Program Requirements

- 2024-Present Member ASME Board on Nuclear, Clean Energy and Facilities Codes and Standards
- 2024-Present Member ASME Strategic Committee on Nuclear Facilities (BNCS)
- 2021-Present Member ASME Committee on Nuclear Certification
- 2019-Present Member ASME Standards Committee on Nuclear Quality Assurance
- 2019-2023 Member ASME Comm BPV III SGGR Working Group General Requirements
- 2018-2022 Chair ASME B&PV Committee BPV III SG-GR WG-GCCCA Gen Req Graphite & Comp Core Components
- 2018-Present Member ASME B&PV Committee BPV III SG-GR WG-GCCCA Gen Req Graphite & Comp Core Components
- 2016-2024 Member ASME Board on Nuclear Codes and Standards
- 2011-Present Member ASME NQA Committee on Nuclear Quality Assurance SC Program Management Processes
- 2011-Present Member ASME BPV III Standards Committee on Nuclear Facility Components
- 2009-2019 Member ASME B&PV Comm BPV III SGGR Working Group Quality Assurance, Certification & Stamping
- 2009-2018 Chair ASME B&PV Committee BPV III Joint TG SGGR/SGGCC on Gen Req for Graphite Core Components
- 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 Subgroup General Requirements
- 1991-1994 Member ASME B&PV Task Group TG3800 (SCIII/SGGR) Re-write Subarticle NCA-3800

Quality Management Review & Approval	Signature	Date 7/20/2024
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Name Annemarie Appleton	Title President
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Name Annemarie Appleton	Title President
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Certifications

2004-2010	ASQ	Certified Quality Engineer Exam Cert. No. 46754 issued 12/4/04
2004-2010	ASQ	Certified Quality Manager Exam Cert. No. 8430 issued 10/16/04
2004-2010	ASQ	Certified Quality Auditor Exam Cert. No. 30469 issued 6/5/04
1992-1996	ASQC	Certified Quality Auditor Exam Cert. No. 3052 issued 6/6/92

Professional Society Memberships

2010-Present	ASNT	Member No. 135543	1991-Present	ASME	International Member No. 2850956
1991-Present	ASM	International Member No. 147133	1986-Present	ASTM	Member No. AA6441300
2005-Present	ASQ	Senior Member	1986-Present	ASQ	Member No. 100304

Auditor Training

2024	ASME NQA-1 Practical Application PDH 4.0
2024	ASME NQA-1 Part 1 1-18 QA Requirements PDH 4.0
2024	ASME Overview of QPS (Quality Program for Suppliers) General Industry CEU.10 Exam 96.6%
2004	ASQ Certified Quality Auditor CEU 3.0 June 2004
1992	ASQC Sec 0304 Certified Quality Auditing Course

Education & Training

DOCUMENTATION ATTACHED where possible

- 1991-present Attendance at ASTM, ASME, & MSS Technical Committee Meetings
- 2024 ASME Design for Additive Manufacturing with Metals 1.0 CEU
- 2024 ASME Additive Manufacturing Manufacturability: Lasere Powder Bed Fusion .4 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 CSTM Intl Forum on Testing & Materials - PRESENTER: ASME: Standards for Additive Mfg for Pressure Equipment
- 2018 CSTM Intl Forum on Testing & Materials - PRESENTER: ASME: How Material Specifications are Adopted
- 2018 ASME Essentials - BPV Code Sec III Div 1 Rules for Construction of Nuclear Facility Components PDH 2.00
- 2018 ASME How to Get an N Stamp - Conformity Assesment, Requirements and Procedures PDH 3.00
- 2018 ASME Essentials - BPV Code Sec III: Subsection NCA PDH 2.00
- 2018 ASME Execution: How to Get Results PDH 1.50
- 2018 ASME Introduction to Additive manufacturing PDH 1.50
- 2018 ASME Technical Writing for Engineers: Giving Readers What They Want PDH 4.00
- 2018 ASME Creating Effective Technical Presentations
- 2018 ASME Ethics for Engineers: Doing the Right thing When No One is Looking PDH 3.00
- 2018 ASME Changing Organizational Culture PDH 1.50
- 2018 ASME Standards and Certification PDH 2.00
- 2017 ASTM Symposium on Fatigue & Fracture of Additive Manufactured Materials and Components CEU 1.0
- 2015 Piping Failures – Causes and Preventions, 7.50 PDH .75 CEUs, November 6, 2015 Atlanta GA
- 2014 NRC Workshop on Vendor Oversight - PRESENTER - Topic: NCA-3855.5 UUQSM v 10CFR21/10CFR50AppB Dedication
- 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

Quality Management Review & Approval	Signature	Date 7/20/2024
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Standards Development Organization Committee Participation

2023-Present	ASME	Standards Committee on QPS-1 Quality Program Sor Suppliers
2019-2023	ASME	BCA Task Group developing QPS-1 Quality Program for Suppliers
2021-Present	ASME	CNC Committee on Nuclear Certification. Member
2019-Present	ASME	BNCS Board on Nuclear Codes and Standards, Member
2016-2019	ASME	BNCS Board on Nuclear Codes and Standards, Contributing Member
2015-Present	ASME	NQA Standards Committee, Member
2012-Present	ASME	NQA Committee Subcommittee PMP, Member
2017-2022	ASME	B&PV Committee BPV III WG General Requirements Graphite & Composite Core Components, Chair
2017-Present	ASME	B&PV Committee BPV III WG General Requirements Graphite & Composite Core Components, Member
2011-Present	ASME	B&PV Committee BPV III on Construction of Nuclear Facility Components, Member
2010-2013	ASME	BP&V Subgroup on Graphite Core Components (SC III), Member
2009-Present	ASME	B&PV Committee SCIII SGGR Working Group on Quality Assurance, Certification and Stamping
2007-2017	ASME	B&PV Committee SCIII SGGR/SGGCC JTG on GR for Graphite COre Components, Chair
2007-2009	ASME	B&PV Committee SCIII SG General Requirements, Secretary
2005-Present	ASME	B&PV Committee SCII Member
2005-Present	ASME	B&PV Committee SCII SGFS, Vice-Chair
2001-2003	ASME	B&PV Committee SCIII SG General Requirements, Secretary
2000-Present	ASME	B&PV Committee SCII SGFS, Member
2023- Present	ASME	Standards Committee on Quality Program for Suppliers
1997-Present	ASME	B&PV Committee SCIII SG General Requiements, Member
1991-1994	ASME	Task Group TG3800 (SGGR/SCIII), Member
2011-Present	ASME	PTCS Committee B16, Member
2012-2015	ASME	PTCS Committee B16 Subcommittee F, Vice-Chair
2011-2014	ASME	PCTS Committee B16 Subcommittee MTC, Vice-Chair
2008-Present	ASME	PCTS Committee B16 Subcommittee MTC, Member
2004-Present	ASME	PTCS Committee B16 Subcommittee C, Member
2000-Present	ASME	PTCS Committee B16 Subcommittee F, Member
2012-2015	ASME	US TAG ISO/TC5/SC5 Tag, Chair
2004-Present	ASME	US TAG ISO/TC5/SC5 Tag, Member
2006-Present	ASTM	Subcommittee, A01.14 Corrosion, Chairperson
2005-2006	ASTM	Subcommittee, A01.14, Corrosion, Secretary, Member
1991-1994	ASTM	Subcommittee Section A01.22.02, Piping, Fittings.... Secretary
1990-Present	ASTM	Committee A1, Subcommittees 8,18,10, 17, 22, Member
2002-2012	MSS	Board of Directors / Board Personnel Committe / Personnel Committee Chair
1992-Present	MSS	Committees 105, 108, 110, 302, 304, Member

Other

Awards:

- ASME ASME Fellow Grade 2024
- ASME Benard F. Langer Nuclear Codes and Standards Award 2020
- ASME 125th Anniversary Certificate of Recognition 2009
- ASME Standards & Certification Board Certificate of Acclamation for Outstanding Service to ASME and the Nuclear Industry in the Re-write of NCA-3800 in the 1992 Edition 1994 Addenda
- ASME Standards & Certification Board Certificate of Accalamation for Outstanding Service to ASME and the Nuclear Industry in the develop of Div5 - High Temperature Reactors
- ASME BPV Committee III Certificate of Accamation for review, acceptance & incorporation of 2008 Edition of NQA-1 into Section III of the ASME Boiler & Pressure Vessel Code
- ASME BPV III Subgroup General Requirements Certificate of Appreciation 15 Yedr Service Award
- ASME BPV II Standards Committee Certificate of Appreciation 15 Year Service Award
- ASME B16 Standards Committee Certificate of Appreciation 10 Year Service Award
- ASTM Award of Merit (Fellow) 2019
- ASTM A01 Committee on Steel, Stainless Steel and Related Alloys Award of Appreciation for outstanding service to the committee as chair of A01.14 on Methods of Corrosion Testing 2010
- MSS Certificate of Recognition 30 Year Service Award 2022
- MSS Certificate of Recognition 20 Year Service Award 2012
- ASQ Senior Member
- ASQ Certificate of Recognition 15 Year Membership Award
- ASM 15 Year Membership Award

Publications:

- ASTM Symposia Paper STP160720170232 Published: 17 April 2019** Microstructure Analysis for the Detection of Intermetallic Phases Predictive of Toughness and Corrosion Resistance in Duplex and Lean Duplex Steels <https://www.astm.org/stp160720170232.html>
- NRC Workshop on Vendor Oversight 2014 Conference** Comparison of ASME Section III NCA-3855.5 Utilization of Unqualified Source Material vs.

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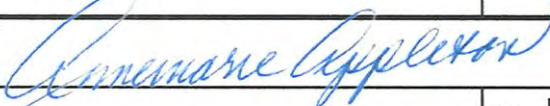
Appleton Quality Concepts LLC



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Personnel Qualification - Audit / QA

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Name Annemarie Appleton		Title President
Nuclear Audit Participation Record		
7/15-17/24	ASC Engineered Solutions	North Kingston, RI
3/26-27/24	Met Weld Inc	Altamont, NY
1/8-12/24 & 1/22-26/24	Thermal Engineering International	Joplin, MO
4/24 & 25/2018	Flowline Divison	New Castle, PA
10/10-10/11/16	Management System Analysis	Royersford, PA
4/3-4/2013	Flowline Division	Newcastle, PA
10/6-7/2011	Both Well Fittings	Kaoshiung City, Taiwan
4/18-19/2011	Flowline Division	Newcastle, PA
7/24/2009	MEGA Fittings	Scanzorosciate (BG), Italy
7/22/2009	Acciairie Valbruna	Vicenza, Itlay
7/21/2009	Acciairie Valbruna	Bolzano, Itlay
4/24/2008	Flowline Division	Newcastle, PA
4/20/2005	Flowline Division	Newcastle, PA
3/29/2004	Castle Metals	Franklin Park, IL
3/9/2004	Acciairie Valbruna	Bolzano. Italy
3/8/2004	Rodacciai, SpA	Bossisio Parini, Italy
3/1/2004	Valbruna Corp USA	Oakland, NJ
2/20/2004	TAD Metals, Inc.	Monroe Township, NJ
2/20/2004	TW Metals, Inc.	Monroe Township, NJ
2/18/2004	Castle Metals	Fairless Hills, PA
2/9/2004	Exton Granite Calibration	at KMS, Totowa, NJ
12/19/2003	Rolled Alloys, Inc	Windsor, CT
12/9/2003	Allvac, Inc	Richburg, SC
12/8/2003	Outokumpu (Avesta Polarit)	Richburg, SC
12/8/2003	U. S. Inspection Services (Outokumpu/Allvac)	Richburg, SC
12/5/2003	Outokumpu (Avesta Polarit)	Degerfors, Sweden
12/4/2003	Acciairie Valbruna	Vicenza, Italy
12/1/2003	Outokumpu (Avesta Polarit) SMACC	Sheffield, England
6/9/1999	Altech Specialty Steel Corp	Watervliet, NY
4/16/1999	Flowline Division	Newcastle, PA
3/31/1999	Ideal Forging Corp.	Southington, CT
12/11/1997	Cartech Service_Center	West Caldwell, NJ
12/16/1994	Jos. T. Ryerson & Son Inc.	Jersey City, NJ
12/6-7/94	Slater Steels	Fort Wayne, IN
3/23/1994	Laboratory Testing, Inc.	Dublin, PA
1/14/1994	Cartech Service Center	West Caldwell, NJ
12/18/1992	Cartech Service Center	West Caldwell, NJ
12/17/1992	Laboratory Testing, Inc.	Dublin, PA
12/9&10/92	Crucible Specialty Metals	Syracuse, NY
10/14/1992	Crucible Service Center	Kenilworth, NJ
Quality Management Review & Approval	Signature 	Date 7/20/2024
Name Annemarie Appleton		Title President



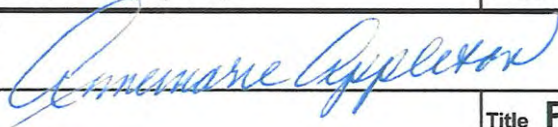
Appleton Quality Concepts LLC



Date: July 20, 2024

Personnel Qualification - Audit / QA

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Name Annemarie Appleton		Title President
Nuclear Audit Participation Record, continued		
12/18/1992	Cartech Service Center	West Caldwell, NJ
12/17/1992	Laboratory Testing, Inc.	Dublin, PA
12/17/1992	Laboratory Testing, Inc.	Dublin, PA
12/9&10/92	Crucible Specialty Metals	Syracuse, NY
10/14/1992	Crucible Service Center	Kenilworth, NJ
12/18/1992	Cartech Service Center	West Caldwell, NJ
12/17/1992	Laboratory Testing, Inc.	Dublin, PA
12/9&10/92	Crucible Specialty Metals	Syracuse, NY
10/14/1992	Crucible Service Center	Kenilworth, NJ
07/29&30/92	Ideal Forging Corporation	Southington, CT
6/23/1992	MetroLab Corporation	Newark, NJ
5/20/1992	Flowline Corporation	Newcastle, PA
5/13/1992	Crucible Materials Corporation	Fairfield, NJ
12/31/1991	Carpenter Technology Corp.	West Caldwell, NJ
12/16/1991	Bridgeport Testing Laboratory	Bridgeport, CT
10/28/1991	Laboratory Testing, Inc.	Dublin, PA
10/24/1991	Ideal Forging Corporation	Southington, CT
5/20/1991	Crucible Materials Corporation	Fairfield, NJ
3/26/1991	Crucible Materials Corporation	Syracuse, NY
11/2/1990	Ideal Forging Corporation	Southington, CT
10/23/1990	Carpenter Technology Corp.	Reading, PA
10/22/1990	Carpenter Technology Corp.	West Caldwell, NJ
6/15/1990	Dwight DIC, Inc.	Lyndhurst, NJ
3/21/1990	Merrill Custom Forgings	Maspeth, NY
3/14/1990	Lawrence Ripak Company	West Babylon, NY
3/2/1990	Benedict Miller, Inc.	Lyndhurst, NJ
2/27/1990	Earle M. Jorgensen Company	Wethersfield, CT
12/14/1989	Crucible Materials Corporation	Syracuse, NY
10/24/1989	Ramball Testlab	Pennsauken, NJ
10/2/1989	Alpha Testing Laboratories	Totowa, NJ
9/27/1989	Ideal Forging Corporation	Southington, CT
9/26/1989	Merrill Custom Forgings	Maspeth, NY
9/25/1989	Bridgeport Testing Laboratory	Bridgeport, CT
9/13/1989	Carpenter Technology Corp.	West Caldwell, NJ
9/12/1989	Carpenter Technology Corp.	Reading, PA
1988-1986	Various ASP/KMS Vendor Audits	Various
3/14/1986	Training / Ideal Forging Corp.	Southington, CT
Quality Management Review & Approval	Signature 	Date 7/20/2024
Name Annemarie Appleton		Title President



The Board of Governors has elected

Annemarie Appleton

Fellow

Who is now entitled to all the privileges, granted by the Constitution of the Society, an organization for promoting the art, science, and practice of mechanical engineering

March 2024

A handwritten signature in black ink that reads 'Thomas R. Kurfess'.

Thomas Kurfess, P.E.
President



A handwritten signature in black ink that reads 'Thomas Costabile'.

Thomas Costabile, P.E.
Executive Director/CEO



THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

*Bernard F. Langer
Nuclear Codes and Standards Award*

awarded to

Annemarie Appleton

*For contributions to the nuclear power plant industry
through the development and promotion of
ASME Nuclear Codes and Standards*

2020

A handwritten signature in black ink, appearing to read 'Thomas P. Pastar'.

*Senior Vice President
Standards and Certification*

A handwritten signature in black ink, appearing to read 'Thomas P. Pastar'.

*Chair
Board on Nuclear Codes and Standards*



A handwritten signature in black ink, appearing to read 'Phil J. Jandut'.

President

A handwritten signature in black ink, appearing to read 'Thomas Costello'.

Executive Director



Annemarie Appleton

is granted an

AWARD OF MERIT

and the honorary title of

FELLOW

For long term leadership, organization, and dedicated service to Committee A01 on Steel, Stainless Steel and Related Alloys as Chair of Subcommittee A01.14 on Methods of Corrosion Testing, member and contributor to A01.90 Executive Subcommittee, and faithful liaison between A01 and numerous related organizations.

By Action of the Board of Directors

Katharine E. Morgan

PRESIDENT

2019

Julio van der Mater
CHAIRMAN OF THE BOARD

Passaic County Community College

Upon recommendation of the Faculty and by the authority of the Board of Trustees granted by the State of New Jersey hereby confers the degree of

Associate in Applied Science upon

Annemarie Buckley

together with all the rights, privileges and obligations thereto appertaining. In Testimony Whereof, we do herewith affix our signatures and the seal of the College.

Given in the City of Paterson in the State of New Jersey, the thirty-first day of December, nineteen hundred and eighty-five.

[Signature]
Chairman, Board of Trustees



[Signature]
President of the College
[Signature]
Dean of Academic Affairs



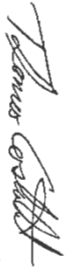
The American Society of Mechanical Engineers
Founded 1880

This Certificate is Awarded to
Annemarie Appleton

For Successful Completion of
Train-the-Trainer

Date Completed: **5/21/2024**


Professional Development Hours



Thomas Costabile P. E.
Executive Director

By issuing this certificate, ASME does not "approve," "certify," "rate," or "endorse" any activity, entity, institution, organization or government jurisdiction to practice any specific job function or activity or make any determination of an individual's qualifications or performance. It is the responsibility of the individual to work continuously to improve his or her skills and knowledge within a specific work environment or under specific working conditions.





Arin Ceglia, Managing Director
Learning & Development

ASME does not make any determination of an individual's capabilities in applying his general knowledge within a specific work environment or under actual working conditions. Individuals must not make any representations to ASME regarding their qualifications or performance. It is the responsibility of the individual to determine competency for assigned tasks and work.

ASME Learning & Development is accredited by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU. As an IACET Accredited Provider, ASME Learning & Development offers CEUs for its programs that qualify under the ANSI/IACET Standard.
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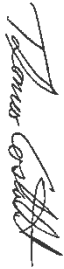
The American Society of Mechanical Engineers
Founded 1880

This Certificate is Awarded to
Annemarie Appleton

For Successful Completion of
NQA-1 Part 1 - 18 QA Requirements

Date Completed: **5/21/2024**

4.0 Professional Development Hours



Thomas Costabile P.E.
Executive Director

By issuing this certificate, ASME does not "approve," "certify," "rate," or "endorse" any activity, entity, service, (regulatory) or government jurisdiction to practice any specific job function or activity or make any determination of an individual's qualifications or "competence" within a specific work environment or under actual working conditions.





Arin Ceglia, Managing Director
Learning & Development

ASME does not make any determination of an individual's capabilities in applying his general knowledge, individuals from not making any representation to ASME regarding their qualifications or "competence" within a specific work environment or under actual working conditions. Individuals from not making any representation to ASME regarding their qualifications or "competence" within a specific work environment or under actual working conditions for assigned tasks and work.

ASME Learning & Development is accredited by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU. As an IACET Accredited Provider, ASME Learning & Development offers CEUs for its programs that qualify under the ANSI/IACET Standard.
ASME Two Park Avenue, New York, New York 10016



The American Society of Mechanical Engineers
Founded 1880

This Certificate is Awarded to


Annemarie Appleton

For Successful Completion of
Additive Manufacturing Manufacturability: Laser Powder Bed Fusion

Date Completed: **5/18/2024**

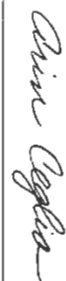
0.40 Continuing Education Units

4.00 Professional Development Hours


Thomas Costabile P. E.
Executive Director

By making this certificate, ASME does not "verify," "validate," or "endorse" any activity, entity, location, technology or governmental authorization. ASME does not assume any liability for the accuracy or completeness of the information provided. The responsibility for the accuracy and completeness of the information provided rests with the individual's capabilities in applying the information or knowledge within a specific work environment or under actual working conditions.




Arin Ceglie, Managing Director
Learning & Development

ASME does not make any determination of an individual's capabilities in applying the general knowledge within a specific work environment or under actual working conditions. The responsibility for the accuracy and completeness of the information provided rests with the individual's capabilities in applying the information or knowledge within a specific work environment or under actual working conditions.

ASME Learning & Development is accredited by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU. As an IACET Accredited Provider, ASME Learning & Development offers CEUs for its programs that qualify under the ANSI/IACET Standard.
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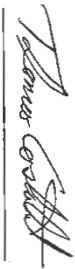


The American Society of Mechanical Engineers
Founded 1880

This Certificate is Awarded to
Annemarie Appleton

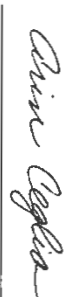
For Successful Completion of
Design for Additive Manufacturing with Metals

Date Completed: **5/17/2024**
1.00 Continuing Education Units
10.00 Professional Development Hours


Thomas Costabile P. E.
Executive Director

By issuing this certificate, ASME does not "approve," "certify," "rate," or "endorse" any activity, methodology, registration or governmental authorization. It is the responsibility of the individual to determine the appropriateness of the work environment or under actual working conditions.




Arin Ceglia, Managing Director
Learning & Development

ASME does not make any determination of an individual's capabilities in applying his general knowledge within a specific work environment or under the working conditions. It is the responsibility of the individual to determine competency for assigned tasks and work.

ASME Learning & Development is accredited by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU. As an IACET Accredited Provider, ASME Learning & Development offers CEUs for its programs that qualify under the ANSI/IACET Standard.
ASME Two Park Avenue, New York, New York 10016

Katherine E. Morgan

Annemarie Appleton

is awarded 0.55 CEUs for attendance at the:



11th ASTM AM CoE Snapshot Workshop

April 15, 2024

Columbus, OH, USA



Katherine Morgan, President

Kholid Rafi,
Senior Program Development Lead



ASTM International Additive Manufacturing Center of Excellence

CERTIFICATE OF ATTENDANCE

This is to certify that

Annemarie Appleton

has attended the ASTM AM CoE
11th Snapshot Workshop

April 15, 2024

A handwritten signature in black ink, appearing to read 'Khalid Rafi', is written over a horizontal line.

Khalid Rafi
ASTM International



第五届国际材料与试验高端论坛

5th International Forum on Testing & Materials (IFTM'2018)

第十九届国际冶金及材料分析测试学术报告会

19th International Conference on Analysis and Testing of
Metallurgical Process & Materials (ICASI' 2018 & CCATM' 2018)

第六届中国能力验证论坛

6th China Proficiency Testing Forum (6th PT)

会议摘要集

Abstracts of conference

2018年10月15-18日
中国·北京 国家会议中心
Beijing, China

ASME 标准在美国工业发展中的重要作用

Powers, Labrador, Appleton
(美国机械工程师学会 (ASME))

Important Role of ASME Standards in US Industry Development

Powers, Labrador, Appleton
(American Society of Mechanical Engineers (ASME))

Lauren Powers 简介:

Lauren Powers is a Project Engineering Advisor in ASME's Conformity Assessment Department. She is the Product Manager for the N-Type Certificates, Quality System Certificates for nuclear material owners, and the NQA-1 Program Certification. She has previously served as a staff secretary for ASME's BPV XI Standards Committee, OM Code Committee, QME-1 Standards Committee, and the Board on Nuclear Codes & Standards. Lauren holds a Bachelor of Science in Chemical Engineering from Villanova University and a Master's in Public Administration from Seton Hall University.



JON G. LABRADOR 简介:

Managing Director, Conformity Assessment

Oversight of the development and maintenance of ASME Conformity Assessment's Product Certification, Accreditation and Personnel Certification programs as well as Standards & Certification and Conformity Assessment's Process Management Department responsible for the maintenance and development of S&C Electronic Tools.

ANNEMARIE APPLETON 简介:

Ms. Annemarie Appleton is the President of Alloy Stainless Products Company Inc., a division of Knickerbocker Machine Shop Inc. with locations in Totowa and Fairfield, NJ, USA. Alloy Stainless Products Company has been manufacturing the ASP brand of austenitic, duplex, nickel, and other alloy pipe fittings and specialty components for a world market including chemical processing, paper production, shipbuilding, and power plants, including nuclear facilities, for 75 years.



Ms. Appleton joined ASP in 1981 as inside sales associate and has held several positions including quality control administrator, Nuclear Lead auditor, QC Manager and VP Quality and VP/Manufacturing prior to becoming President and assuming executive management responsibility for the entire company. Prior to joining ASP/KMS in 1981, Ms. Appleton worked at Bard Parker, a division of Becton Dickinson Company, in Lincoln Park, NJ, as contract sales leader, and she also served on the Board of Directors of Greater Community Bank, a publicly held company, for 17 years. She has 35 years of nuclear industry experience.

Ms. Appleton has been actively involved in the ASME Code and Standards, ASTM, and MSS committee and

other industry standards development organizations since 1991. She participates in ASME Boiler and Pressure Vessel Committees II (Materials) and III (Rules for Construction of Nuclear Facility Components. From 2002 to 2012, Ms. Appleton served on the Boards of Directors of MSS - Manufacturer's Standardization Society of the Valve and Fittings Industry, in addition to work on the technical committees. Currently, Ms. Appleton is serving as the chairperson of Subcommittee A01.14 Methods of Corrosion Testing at ASTM Committee A01 on Steel, Stainless Steel, and Related Alloys. She is also the Chairperson of Subgroup Ferrous Specifications of BPV Committee II (Materials).

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 NCA-3800, 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. For the past 25 years, she has participated and achieved leadership positions in the consensus committees at various standards development organizations with jurisdiction over these specifications and standards.

In 2010, she was awarded the ASME Codes & Standard Certificate of Acclamation for her outstanding service to ASME and the Nuclear Industry in the re-write of NCA 3800 Metallic Material Organization's Quality System Program, the 1992 Edition 1994 Addenda.

增材制造领域全球范围联合标准的制定

Pat A. Picariello

(美国材料与试验协会 (ASTM))

Joint Standards Development in the World of Additive

Pat A. Picariell

(American Society for Testing Materials (ASTM))

Pat A. Picariello 简介:



Pat serves as Director, Developmental Operations for ASTM International, one of the largest voluntary standards development organizations in the world. In his role, he leads a team that coordinates the standardization activities of over 30 ASTM Technical Committees covering a diverse portfolio of global industry sectors including steel, forensic engineering, security systems and equipment, automated guided vehicles, roofing, & cement/concrete.

Pat has worked with a broad cross section of industries to help them come together within ASTM to facilitate their standardization objectives. Among the varied committees Pat has organized are activities in asset management, unmanned systems (air, maritime,

10:10-10:30	<p>2017-2018 年度 CSTM 标准发布 发布人：王海舟院士 2017-2018 CSTM Standards Issuance Issuer: Wang Haizhou Academician of Chinese Academy of Engineering</p>
<p>主持人：毛新平 院士 The Host : Mao Xinping Academician of Chinese Academy of Engineering</p>	
10:30-11:00	<p>报告题目：国际标准体系 报告人：张晓刚 原 ISO 主席 Plenary report: International Standards System Speaker: Zhang Xiaogang Former Chairman of International Organization for Standardization (ISO)</p>
11:00-11:30	<p>报告题目：质量基础设施 报告人：肖建华 国际认可论坛主席 Plenary report: Quality Infrastructure Speaker: Xiao Jianhua Chairman of International Accreditation Forum(IAF)</p>
11:30-12:00	<p>报告题目：CSTM 标准体系建设 报告人：王臣 CSTM 材料试验技术联盟 理事长 Plenary report: Development of CSTM Standards system Speaker: Wang Chen President of Chinese Society for Testing & Materials(CSTM)</p>
<p>主持人：我妻和明 日本东北大学 国际钢铁工业分析委员会 副主席 The Host : Kazuaki Wagatsuma Deputy Chairman of International Committee of Analysis in Steel and Iron Industry(ICASI)</p>	
13:30-14:00	<p>报告题目：核电用材料评价体系 报告人：Annemarie Appleton 美国机械工程师协会教授 Plenary report: Evaluation system of materials for nuclear power Speaker: Annemarie Appleton Professor of American Society of Mechanical Engineers (ASME)</p>
14:00-14:30	<p>报告题目：生命周期工程技术在流程工业及产品中的应用 报告人：聂祚仁 中国工程院院士 Plenary report: Application of life cycle engineering in process industries and products Speaker: Nie Zuoren Academician of Chinese Academy of Engineering</p>

报告日程安排

REPORTS SCHEDULE

标准分论坛-标准与制造业变革论坛 Sub-forum on Standards : Standard and Manufacturing Revolution 地点：多功能厅 A Venue: Function Hall A					
10月17日 8:30-11:40 (Oct. 17 th) 8:30-11:40			主持人：张晓刚 前 ISO 主席 孙冬柏 中山大学常务副校长 Chairperson: ZHANG Xiaogang Former ISO Chairperson SUN DongBai Executive Vice President of Yat-Sen University		
序号 No.	时间 Time	题目 Title	报告人 Speaker	国家 Country	单位 Organization
1	08:30 -9:10	欧洲标准化对新兴工业挑战的战略支撑作用 European standardization as a strategic support for the new industry challenges	Francisco Verdera	西班牙 Spain	原 CEN & CENELEC 战略合作者 主席 Former Director Strategic Partnerships in CEN and CENELEC, and not only as CEN
2	9:10-9:50	ASME 标准在美国工业发展中的重要作用 Important Role of ASME Standards in US Industry Development	Powers, Labrador, Appleton	美国 USA	美国机械工程师学会 American Society of Mechanical Engineers (ASME)
3	9:50-10:30	建材领域变革与标准化—CSTM团体标准建设 Transformation and standardization of building materials --- CSTM Association Standards Construction	姚燕 Yao Yan	中国 China	中国建筑材料科学研究院院长、教授级高级工程师 President of China Building Materials Academy
4	10:30-11:10	ASTM 报告：增材制造领域全球范围联合标准的制定 Joint Standards Development in the World of Additive Manufacturing	Picariello Pat A.	美国 USA	ASTM 国际标准化组织 开发运营部主任 ASTM International Director , Developmental Operations
5	11:10-11:40	核电材料长期服役腐蚀损伤评价标准的建立 Development of evaluation methods for metallurgical materials in high temperature and high pressure water for nuclear power plant	韩恩厚 Han Enhou	中国 China	中国科学院金属研究所 Institute of Metal Research, Chinese Academy of Sciences
午餐 & 展会参观 Lunch & Exhibition Visiting					



The American Society of Mechanical Engineers
Founded 1880


This certificate is awarded to
Annemarie Appleton

For successful completion of
**Essentials - BPV Code, Section III, Division 1: Rules for Construction of Nuclear
Facility Components**

Date Completed: **3/23/2018**
2.00 Professional Development Hours


Paul W. Hankson
Director, Engineering Director




Anne Crisp
Director, Learning & Development



The American Society of Mechanical Engineers
Founded 1880

This certificate is awarded to
Annemarie Appleton

For successful completion of
How to Get an N Stamp - Conformity Assessment, Requirements and Procedures
Date Completed: **3/13/2018**
3.00 Professional Development Hours

[Signature]
Paul S. Hinkle
Executive Services Director



[Signature]
Van Cappel
Director Learning & Development



ASME Training & Development is accredited by the International Association for Continuing Education and Training (IAQET) and is authorized to issue the IAQET CEU.
As an IAQET accredited provider, ASME training & development offers CEUs for its programs that qualify under the ANSI/IAQET Standard.



The American Society of Mechanical Engineers
Founded 1880

This certificate is awarded to
Annemarie Appleton

For successful completion of
Essentials - ASME BPV Code Section III: Subsection NCA

Date Completed: **3/11/2018**
2.00 Professional Development Hours


Linda Williams
Vice President
American Society of Mechanical Engineers




Annemarie Appleton
Director, Learning & Development



ASME Training & Development is accredited by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU. As an IACET Accredited Provider, ASME Training & Development offers CEUs for its programs that qualify under the ANSI/IACET Standard.



The American Society of Mechanical Engineers
Founded 1880

This certificate is awarded to
Annemarie Appleton

For successful completion of
Execution: How to Get Results

Date Completed: **3/5/2018**
1.50 Professional Development Hours


Paul V. Hurdle
Isaiah Executive Director




Ann Appleton
Director, Learning & Development

ASME Training & Development is accredited by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU. As an IACET Accredited Provider, ASME Training & Development offers CEUs for its programs that qualify under the ANSI/IACET Standard.



The American Society of Mechanical Engineers
Founded 1880


This certificate is awarded to
Annemarie Appleton

For successful completion of
Introduction to Additive Manufacturing

Date Completed: **3/4/2018**
1.50 Professional Development Hours


Paul W. Hinkle
Academic Executive Director




Ann Crigler
Director, Learning & Development

ASME Training & Development is accredited by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU. As an IACET Accredited Provider, ASME Training & Development offers CEUs for its programs that qualify under the ANSI/IACET Standard.





The American Society of Mechanical Engineers
Founded 1880


This certificate is awarded to
Annemarie Appleton

For successful completion of
Technical Writing for Engineers: Giving Readers What They Need

Date Completed: **3/2/2018**
4.00 Professional Development Hours


Kay G. Hamilton
Executive Director





Ann Appleton
Director, Learning & Development

ASME Training & Development is accredited by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU. As an IACET Accredited Provider, ASME Training & Development offers CEUs for its programs that qualify under the ANSI/IACET Standard.



The American Society of Mechanical Engineers
Founded 1880

This certificate is awarded to
Annemarie Appleton

For successful completion of
Creating Effective Technical Presentations

Date Completed: **3/1/2018**
2.00 Professional Development Hours


Paul A. Heston
IACET Executive Director




Ann Cright
Director, Learning & Development

ASME Training & Development is accredited by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU. As an IACET Accredited Provider, ASME Training & Development offers CEUs for its programs that qualify under the ANSI/IACET Standard.



The American Society of Mechanical Engineers
Founded 1880

This certificate is awarded to
Annemarie Appleton

For successful completion of
Ethics for Engineers: Doing the Right Thing When No One is Looking

Date Completed: **2/28/2018**
3.00 Professional Development Hours


Paul W. Hurdman
Manager, Education Director




Ann Lytle
Director, Learning & Development



ASME Training & Development is accredited by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU. As an IACET Accredited Provider, ASME Training & Development offers CEUs for its programs that qualify under the ANSI/IACET Standard.



The American Society of Mechanical Engineers
Founded 1880


This certificate is awarded to
Annemarie Appleton

For successful completion of
Changing Organizational Culture

Date Completed: **2/27/2018**
1.50 Professional Development Hours


Paul W. Hurdman
System Executive Director




Ann Crigler
Director Learning & Development



ASME Training & Development is accredited by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU. As an IACET Accredited Provider, ASME Training & Development offers CEUs for its programs that qualify under the ANSI/IACET Standard.



The American Society of Mechanical Engineers
Founded 1880

This certificate is awarded to
Annemarie Appleton

For successful completion of
ASME Standards & Certification

Date Completed: **2/26/2018**
2.00 Professional Development Hours


Paul D. VandenBroucke
Interim Executive Director




Ann Appleton
ASME Logo
Director, Learning & Development

ASME Training & Development is accredited by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU. As an IACET Accredited Provider, ASME Training & Development offers CEUs for its programs that qualify under the ANSI/IACET Standard.



ASTM
INTERNATIONAL

Annemarie Appleton

is awarded 1.0 CEUs for attendance at the:

Symposium on Fatigue and Fracture of Additive
Manufactured Materials and Components

November 15-16, 2017
Atlanta, GA, USA



Katherine E Morgan

Katherine Morgan, President

Kelly M Dennison

Kelly Dennison, Symposia Manager



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 4, 2014

Annemarie Appleton, Vice-President
Manufacturing & Quality
Knickerbocker Machine Shop Inc.
Alloy Stainless Products Company
611 Union Boulevard
Totowa, NJ 07512

SUBJECT: INVITATION TO PARTICIPATE IN THE NUCLEAR REGULATORY COMMISSION
WORKSHOP ON VENDOR OVERSIGHT

Dear Ms. Appleton:

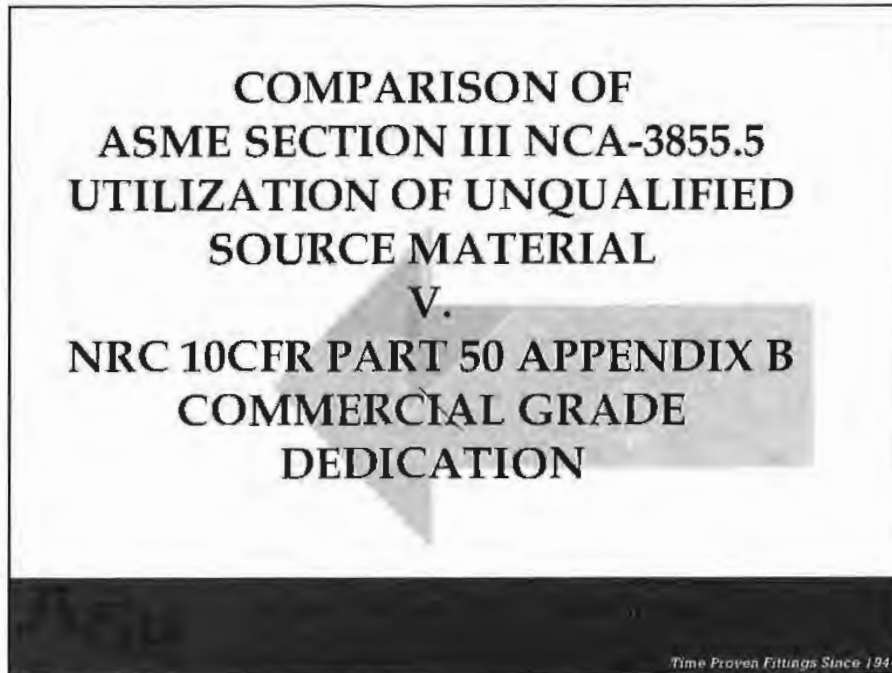
Consistent with our previous communication, we would like to formally thank you for volunteering to be a speaker for the session on "American Society of Mechanical Engineers (ASME) Material Upgrade (NCA 3855.5) v/s Commercial Grade Dedication," during the Nuclear Regulatory Commission (NRC) Workshop on Vendor Oversight, sponsored by the Office of New Reactors. The workshop will be held Thursday, June 12, 2014, at the Portland Marriott Downtown Waterfront, 1401 SW Naito Parkway, Portland, OR 97201, Telephone: 503-226-7600. Further information on the workshop can be found on the NRC workshop on Vendor Oversight website at:
<http://www.nrc.gov/reactors/new-reactors/oversight/quality-assurance/vendor-oversight.html>

We appreciate your willingness to develop a 45-minute presentation on ASME Material Upgrade (NCA 3855.5) v/s Commercial Grade Dedication. The time allocated for this session will be shared between you and Mr. Douglas Vickery, representative and speaker for Dubose National Energy Services Inc. Please contact Raju Patel at 301-415-3511 or raju.patel@nrc.gov regarding further information on this subject. We request that your presentation materials be submitted to the NRC for their inclusion on the workshop website no later than May 2, 2014.

Sincerely,

A handwritten signature in black ink that reads "Edward H. Roach".

Edward H. Roach, Chief
Mechanical Vendor Inspection Branch
Division of Construction Inspection
and Operational Programs
Office of New Reactors



Introduction & Background.

Discussion of differences and similarities between the two systems for the supply of metallic materials.

There are numerous areas where the two systems actually overlap, and others where they seem to diverge, but it is important to really dissect the terminology, to find that there is more similarity under the surface.



The Santa Clara Valley Section
& District D Awards
3 Professional Development Hours to:

Annemarie Appleton

Leadership Soft Skills Forum 2011
“Accepting the Leadership Challenge: Tools for your Career in the 21st Century”
Presented on January 29, 2011
Attended by Webinar

Scott Burr

Professional Development Chair,
SCVS & District D

Annika Stahl

Chair SCVS



The American Society of Mechanical Engineers

Founded 1880

THIS CERTIFICATE IS AWARDED TO

Annemarie Appleton

FOR SUCCESSFUL COMPLETION OF

Nuclear Power Plant Construction

June 22-23, 2009

Atlanta, GA

14 PDHs

Annemarie S. Miller
Chair, Board of Directors
Continuing Education Institute



[Signature]
Director
Continuing Education Institute



Annemarie Appleton

HAS PARTICIPATED IN AND COMPLETED

Certified Quality Engineer

ASQ'S FOUNDATIONS IN
QUALITY LEARNING SERIES

GIVEN ON

January 28, 2005

AND HAS BEEN AWARDED

6.50

CONTINUING EDUCATION UNITS (CEU)

Brian J. LeHouillier
Managing Director

Certificate of Completion



Annemarie Appleton

HAS PARTICIPATED IN AND COMPLETED

Certified Quality Manager

ASQ'S FOUNDATIONS IN
QUALITY LEARNING SERIES

GIVEN ON

October 06, 2004

AND HAS BEEN AWARDED

4.00

CONTINUING EDUCATION UNITS (CEU)

Brian J. LeHouillier
Managing Director

Certificate of Completion

CUSTOMER TRAINING

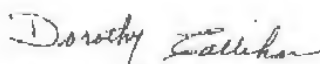
Thermo Scientific Niton XRF Analyzer Operator's Training Certificate

This is to certify that

Ann Marie Appleton

has successfully completed the Thermo Fisher Scientific Niton XRF Analyzer Operational Training Course. The topics of this course include device configuration, sample preparation, safe operation and analysis, interpretation of results, and routine maintenance of the Thermo Scientific Niton XRF Analyzer.

Course date: 2009 January 30
Location: Totowa, NJ
Certificate Number: 16:310033000000EwBql



Dorothy Callihan
Operational Training Coordinator



William Radosevich
Director of Customer Training



Metro New York - New Jersey ASM Chapter

A 5 Star Chapter

MEI COURSE

METRO NEW YORK – NEW JERSEY CHAPTER Offers ASM International MATERIALS EDUCATION INSTITUTE (MEI) COURSE

Wear and Corrosion of Metals and Alloys

ASM International Offers One-Day Course;

“Wear and Corrosion of Metals and Alloys”

The ASM International is offering a one-day course entitled, “Wear and Corrosion of Metals and Alloys”. It will be given on November 5, 2005 in ~~Camden, NJ at the Camden National Hotel~~ ~~Camden, NJ at the Camden National Hotel~~. There is ample free parking available on campus. It will begin at 8:00AM sharp and continue until 1:00PM.

The cost of the course is \$145, with a ten percent discount for advance payment. The price for retirees, unemployed members, and full-time students is \$75, with an additional five percent discount for advance payment.

Interested individuals can register by mailing a check to ASM International, 21 Burnside Drive, Short Hills, NJ 07078.

The course is a distillation of the eleven-lecture course given by Dr. Buck Buchanan at ASM Headquarters in Metals Park. The content of the one-day course is as follows;

Friday, November 04, 2005 America Online: ASPaba

Lecture 1; 8:05AM-9:00AM;

Introduction; practical applications of applications requiring control of wear and corrosion; turbines, pumps, valves, shafts, expanders, bearings, gears, structural components.

Lecture 2; 9:05AM-10:00AM;

Mechanisms of wear and corrosion; abrasive wear, adhesive wear (galling), cavitation, erosion, fretting, oxidation, sulfidation, aqueous corrosion, galvanic corrosion, crevice corrosion, intergranular corrosion, stress corrosion.

Lecture 3; 10:05AM-11:00AM

Techniques to reduce wear and corrosion; base alloy selection, surface alloying, overlays.

Lecture 4; 11:05AM-12:00PM

Base alloy selection; composition, hardness, heat treatment, metallurgical considerations, wear and corrosion-resistant materials.

Lecture 5; 12:05PM-1:00PM;

Surface alloying; diffusion coatings, case hardening techniques and considerations, spray coatings, vapor coatings, and weld overlays.

Nickel Institute CPI Seminar
Chemical Process Industry
Applications of Nickel Containing Alloys
R. W. Ross, RPE, NACE Corrosion Specialist
Wednesday June 23, 2004
8:30 am – 12:30 pm
Embassy Suites Hotel
Philadelphia Airport
9000 Bertram Avenue
Philadelphia, PA
215-365-4500

Nickel Institute

What is NI?
What are NI's activities?
How can NI help?
Overview of Nickel Industry

Nickel Institute

**New Technology
Stainless Steels and Nickel Alloys**

Technical Seminar Series
Chemical Process Industry

Nickel Institute

Basics of Corrosion

Technical Seminar Series
Chemical Process Industry

Nickel Institute

**Materials Selection For Systems
Handling Water**

Technical Seminar Series
Chemical Process Industry

Nickel Institute

**Corrosion by
Specific Chemicals**

Technical Seminar Series
Chemical Process Industry

Nickel Institute

**Materials Selection for
High Temperatures**

Technical Seminar Series
Chemical Process Industry

Nickel Institute

**Guidelines for Welding
Nickel-containing Alloys**

Technical Seminar Series
Chemical Process Industry

Certificate of Completion

This certifies that

Annemarie Appleton

has successfully completed the Principles of Lean
Manufacturing Workshop

Instructor

Tommy Tucker

Date

11-17-04

MEP
Affiliated with NIST / MEP

**NEW JERSEY MANUFACTURING
EXTENSION PROGRAM, INC.**

Hands-on Help for Manufacturers

Certificate of
Training

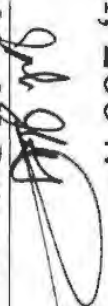
Presented to

Annemarie Appleton

of

Aloy Stainless Products Co. Inc.

for having successfully completed the X-MET 880
Operator Training Program on the 4th of March, 2004.


John I.H. Patterson
President

metorex

Certificate of Training

*Teledyne Brown Engineering - Environmental
Services certifies that*

Annemarie Appleton

*has successfully completed Radiation Safety
Training as required by N.J.A.C. 7:28-2.3*

Instructor: *Jeffrey M Guenther* *Date:* *September 26, 2000*
JEFFREY GUENTHER

CERTIFICATE of COMPLETION

awarding .6 CEU's (or 6 credit hours) to the below signed attendee, according to the guidelines set forth by the National Task Force on the Continuing Education Unit, for attending and participating in



Total Quality Management

Annemarie Appleton

Signature of Seminar Participant

Denise M. Dudley
Denise M. Dudley, Ph.D.
Executive Vice President

March 30, 1993

Date

Jerry R. Brown
Jerry R. Brown
President

SkillPath, Inc., 6900 Squibb Road, Suite 300, Mission, Kansas 66202

Materials Engineering Institute



The Materials Information Society

This certifies that

Annemarie Appleton

has satisfactorily completed the Metallurgical Course entitled
Elements of Metallurgy

under the direction of Materials Engineering Institute, of
ASM International, and in testimony thereof has been awarded this

CERTIFICATE and 5

CONTINUING EDUCATION UNITS (CEU)

this *17th* day of *March*, 19 *93*

under the seal of
ASM International

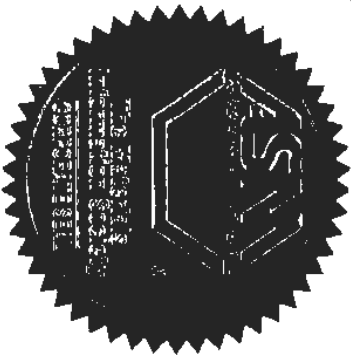
President

at Materials Park, Ohio

Issued by
MATERIALS ENGINEERING INSTITUTE

Director

Managing Director





Course 1

ELEMENTS OF METALLURGY

Lesson Number and Title

1. Atoms, Molecules, & Crystals
2. The Physics and Chemistry of Metals
3. Chemical Equilibrium, Heat, & Temperature
4. Elements of Extractive Metallurgy
5. Metal Refining
6. due to reorganization of lessons, no #6 at this time [material is contained in other lessons]
7. Solid Solutions
8. due to reorganization of lessons, no #8 at this time [material is contained in other lessons]
9. Solidification of Metals
10. due to reorganization of lessons, no #10 at this time [material is contained in other lessons]
11. Heat Treatment of Steel
12. Precipitation Hardening
13. Diffusion and Surface Treatments
14. Methods of Forming Metals
15. Mechanical Testing of Metals

Elements of Metallurgy is currently under revision. Please contact ASM's Education Department if you have any questions.

ASM International®
MATERIALS ENGINEERING INSTITUTE
MATERIALS PARK, OHIO 44073

Materials Engineering Institute



The Materials Information Society

This certifies that

Annemarie Appleton

has satisfactorily completed the Metallurgical Course entitled
Principles of Machining

under the direction of Materials Engineering Institute, of
ASM International, and in testimony thereof has been awarded this

CERTIFICATE and 5

CONTINUING EDUCATION UNITS (CEU)

this **1st** day of **March**, 19 **93**

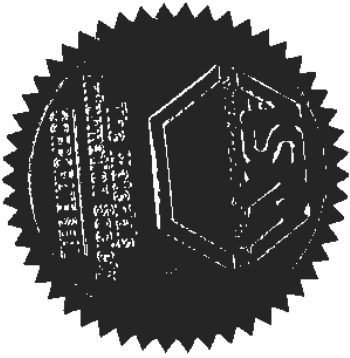
under the seal of
ASM International

President

Managing Director

at Materials Park, Ohio
issued by
MATERIALS ENGINEERING INSTITUTE

Director



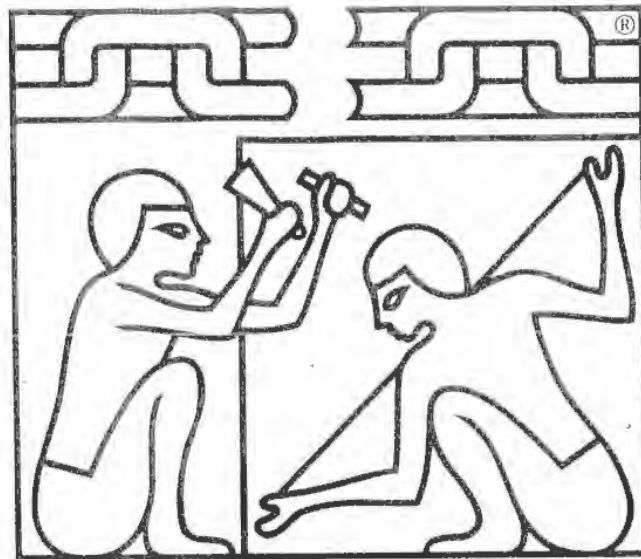


Course 8

PRINCIPLES OF MACHINING

Lesson Number and Title

1. The Machine Tool
2. What Happens When Metal is Cut
3. Effects of the Cutting Process
4. Cutting Tools
5. Force, Work, and Power in Machining
6. Tool Life-Measurement and Control
7. Machinability of Metals
8. Machinability Versus Microstructure
9. The Economics of Machining
10. Cutting Fluids
11. Surface Quality
12. Turning
13. Milling
14. Drilling
15. Grinding



This is to certify that

Annemarie Appleton

has satisfactorily completed the course

JURAN INSTITUTE

**TOTAL QUALITY
MANAGEMENT**

What Everyone Needs to Know

and is awarded .6 Continuing Education Units

Instructor

Instructor

20 March 1992

Date



THE
STANDARDS AND CERTIFICATION
BOARD OF DIRECTORS

AWARDS THIS CERTIFICATE OF ACCLAMATION TO

Annemarie Appleton

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



A handwritten signature in black ink, appearing to read 'B. E. Hrubala', is written over a horizontal line.

Bernard E. Hrubala
Sr. Vice President, Standards and Certification

A handwritten signature in black ink, appearing to read 'Bryan A. Erler', is written over a horizontal line.

Bryan A. Erler, P.E.
Vice President, Nuclear Codes & Standards



The Board of Governors has elected

Annemarie Appleton

Fellow

Who is now entitled to all the privileges, granted by the Constitution of the Society, an organization for promoting the art, science, and practice of mechanical engineering

March 2024

Thomas Kurfess, P.E.
President



Thomas Costabile, P.E.
Executive Director/CEO



THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

Bernard F. Langer
Nuclear Codes and Standards Award

awarded to

Annemarie Appleton

*For contributions to the nuclear power plant industry
through the development and promotion of
ASME Nuclear Codes and Standards*

2020

A handwritten signature in black ink, appearing to read 'Thomas P. Pastar'.

*Senior Vice President
Standards and Certification*

A handwritten signature in black ink, appearing to read 'Thomas P. Pastar'.

*Chair
Board on Nuclear Codes and Standards*



A handwritten signature in black ink, appearing to read 'Phil J. Jandut'.

President

A handwritten signature in black ink, appearing to read 'Thomas Costello'.

Executive Director



Annemarie Appleton

is granted an

AWARD OF MERIT

and the honorary title of

FELLOW

For long term leadership, organization, and dedicated service to Committee A01 on Steel, Stainless Steel and Related Alloys as Chair of Subcommittee A01.14 on Methods of Corrosion Testing, member and contributor to A01.90 Executive Subcommittee, and faithful liaison between A01 and numerous related organizations.

By Action of the Board of Directors

Katharine E. Morgan 2019

PRESIDENT

Wim van der Mater
CHAIRMAN OF THE BOARD

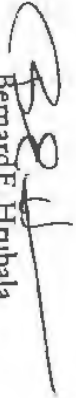



This Certificate of Acclamation is awarded by the
BPV Committee on Construction of Nuclear Facility Components (Section III)
to

Annemarie Appleton

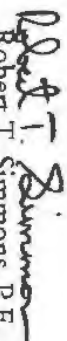
In testimony of the high regard of your co-workers and the deep appreciation
of the Society for your valued services in advancing the engineering
profession for the review, acceptance and incorporation of the

2008 Edition "NQA-1 Quality Assurance Requirements for
Nuclear Facility Applications: into Section III of the
ASME Boiler & Pressure Vessel Code.


Bernard E. Hrubala
Sr. V. P., Codes & Standards


Roger A. Erler, P.E.
V.P., Nuclear Codes & Standards




Robert T. Simmons, P.E.
President


Thomas G. Loughlin, CAE
Executive Director



THE
STANDARDS AND CERTIFICATION
BOARD OF DIRECTORS

AWARDS THIS CERTIFICATE OF ACCLAMATION TO

Annemarie Appleton

For outstanding volunteer service to ASME and the nuclear industry, this certificate recognizes your work in completing a major technical revision to Section III of the Boiler and Pressure Vessel Code. Your work resulted in the development of "Division 5 - High Temperature Reactors" that has been published in the 2011 addenda of Section III of the Boiler and Pressure Vessel Code, Rules for Construction of Nuclear Facility Components.



A handwritten signature in cursive script, reading 'Kenneth R. Balkey', is written over a horizontal line.

Kenneth R. Balkey, P.E.
Sr. Vice President, Standards and Certification

A handwritten signature in cursive script, reading 'Richard W. Swayne', is written over a horizontal line.

Richard W. Swayne
Vice President, Nuclear Codes & Standards



This Certificate of Appreciation is awarded by the Board of Governors to

Annemarie Appleton

In testimony of the high regard of your colleagues and the deep appreciation of the Society for your valued services in advancing the engineering profession as

Member

BPV III Subgroup on General Requirements

15 years

Samuel Korellis
Sr. Vice President and Chair
Standards and Certification



Charla K. Wise
Charla K. Wise
President

Phil W. Hamilton
Phil W. Hamilton
Executive Director



The ASME B16 Standards Committee

presents this certificate of appreciation to

Annemarie Appleton

in testimony of the high regard of your committee members
and the deep appreciation of the Society for your valued
services in advancing the engineering profession for

**10 Years of Outstanding Service to the
B16 Standards Committee**



W B Bedeem
William B. Bedeem
Chair, B16 Standards Comm.

Evy A Jolly
Evy A Jolly
Vice Chair, B16 Standards Comm.

Colleen O'Brien
Colleen O'Brien
Secretary, B16 Standards Comm.

CERTIFICATE OF RECOGNITION

AWARDED TO

Annemarie Appleton

For Twenty Years of Loyal Service



Awarded this 15th day of May, 2012


John V. Ballun
President


Robert O'Neill
Executive Director

Certificate of Recognition

PRESENTED TO
Annemarie Appleton

for

15 Consecutive Years
of ASQ Membership

AS RECOGNIZED ON MAY 1, 2006



Jerry Mairani
Jerry Mairani, President

Daniel Durhan
Daniel Durhan, Chairman of the Board



METRO NEW YORK - NEW JERSEY CHAPTER
ASM INTERNATIONAL
(Formerly American Society for Metals)

In reply refer to
Harry E. Lunt, P.E.
13 Brockden Drive
Mendham, NJ 07945
Phone/Fax: 973-543-2229

April 6, 2006

Ms. Annemarie Appleton
Alloy Stainless Products
611 Union Blvd
Totowa, NJ 07512-2402

Reference: **15 Year Award**

For your 15 years of membership in the Society, ASM International has issued an award. The Metro New York-New Jersey Chapter would like to present the award to you at its meeting on Tuesday, April 11, 2006 at L'Affaire, 1099 Route 22 East, Mountainside, New Jersey.

The dinner is on us! I hope you can join us.

Very truly yours,

A handwritten signature in cursive script that reads "Harry E. Lunt". The signature is written in black ink and includes a long horizontal line extending to the right from the end of the name.

Harry E. Lunt
Secretary

American Society for Quality

ANNEMARIE APPLETON

Has met all professional and technical requirements to attain the status of
SENIOR MEMBER



Danny Duhan, ASQ President

5/26/2005

Date

By making quality a global priority, an organizational imperative, and a personal ethic, the American Society for Quality becomes the community for everyone who seeks quality technology, concepts, and tools to improve themselves and their world.



ASP/KMS LEAD AUDITOR EXAMINATION

SIGNATURE OF EXAMINEE: Annemarie Appleton DATE: 5/7/96

CIRCLE THE LETTER OF THE APPROPRIATE RESPONSE(S) FOR THE RESPECTIVE QUESTION.

1. THE BASIC REASON FOR AN AUDIT IS TO:
 - A. COMPLETE AN AUDIT REPORT
 - B. DETERMINE IF A CONTROL SYSTEM IS IN PLACE
 - C. SUGGEST IMPROVEMENTS TO YOU SUPPLIERS
 - D. DETERMINE IF THE CONTROL SYSTEM IS IN EFFECT
 - E. B AND D ARE CORRECT
2. THE PURPOSE OF A QUALITY AUDITING PROGRAM IS TO:
 - A. PROVIDE MANAGEMENT OBJECTIVE FEEDBACK
 - B. IDENTIFY PROBLEMS EARLY
 - C. DETERMINE IF WRITTEN PROCEDURES ARE BEING UTILIZED
 - D. ALL OF THE ABOVE
3. THE DURATION OF AN AUDIT USUALLY DEPENDS UPON THE:
 - A. SCOPE OF THE AUDIT
 - B. MONETARY VALUE OF THE AUDITEE
 - C. DETAIL IN THE AUDITEE'S QUALITY MANUAL
 - D. TIME OFFERED BY THE AUDITEE
4. CHECKLISTS MAY COVER THE FOLLOWING AREAS FOR A SYSTEM AUDIT, (CIRCLE ALL THAT APPLY):
 - A. DESIGN SYSTEMS
 - B. PROCESS CAPABILITY
 - C. QUALITY POLICIES
 - D. INSPECTION PROCEDURES
 - E. CALIBRATION SYSTEMS
5. AUDIT CHECKLISTS ARE NORMALLY FILLED IN BY THE:
 - A. AUDITOR(S)
 - B. AUDITEE
 - C. AUDITOR AND AUDITEE
 - D. AUDITEE ONLY AFTER APPROVAL FROM THE AUDITOR(S)
6. ITEMS NORMALLY REVIEWED IN THE OPENING AUDIT MEETING BY THE AUDITOR INCLUDE THE:
 - A. AUDIT PURPOSE
 - B. ANTICIPATED DURATION OF THE AUDIT
 - C. SCOPE OF THE AUDIT
 - D. ALL OF THE ABOVE
7. FULFILLMENT OF A REQUIREMENT IS SUBSTANTIATED BY:
 - A. A QUALITY PROGRAM
 - B. THE WORD OF THE AUDITEE
 - C. OBJECTIVE EVIDENCE
 - D. A DOCUMENTED PROCEDURE

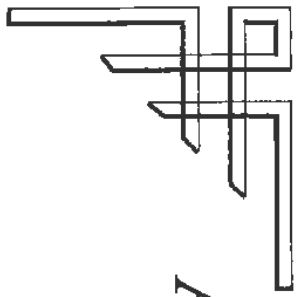
SIGNATURE OF EXAMINEE: Annemarie Appleton DATE: 5/7/96

8. A CONCLUSION (USUALLY NEGATIVE IN NATURE) BASED ON OBSERVATIONS MADE DURING AN AUDIT IS REFERRED TO AS:
- A. OBJECTIVE EVIDENCE
 - B. A FINDING
 - C. A FAULT
 - D. ALL OF THE ABOVE
9. CORRECTIVE ACTION REQUESTS ARE:
- A. LEFT UP TO THE AUDITEE'S DISCRETION TO ANSWER
 - B. NOT REVIEWED BY THE AUDITOR OR AUDITEE
 - C. FORMAL REQUESTS FOR AUDITEE ACTION
 - D. INITIATED BY THE AUDITEE
10. INTERNAL AUDITS ARE PERFORMED:
- A. BY PERSONNEL HAVING DIRECT RESPONSIBILITY IN THE AREA BEING AUDITED.
 - B. BY PERSONNEL NOT HAVING DIRECT RESPONSIBILITY IN THE ARE BEING AUDITED.
 - C. ONLY BY PERSONNEL QUALIFIED AS LEAD AUDITORS
 - D. ONLY BY QUALITY ASSURANCE PERSONNEL

NUMBER OF CORRECT RESPONSES: 9.8 PERCENTAGE CORRECT (SCORE): 98%
X PASS FAIL(<80%)

IN THE EVENT THAT THE EXAMINEE FAILS, THE INDIVIDUAL SHALL BE RETESTED AFTER ONE MONTH. THE EXAMINEE SHALL NOT PERFORM AS A LEAD AUDITOR UNTIL THE EXAMINATION HAS BEEN SUCCESSFULLY COMPLETED.

QUALITY MANAGEMENT REVIEW: Glenn Art Puyot DATE: 07MAY96



American Society for Quality

Annemarie Appleton

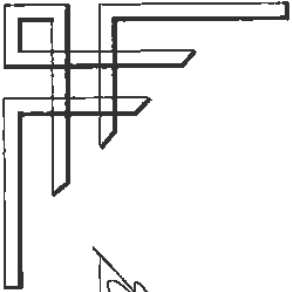
*has satisfactorily fulfilled the requirements established
by the Society for professional attainment in*

Quality Auditing

and is, therefore, certified by the Society as a

Quality Auditor

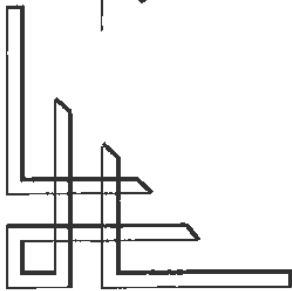
Certification Number 30469
Certification Date 6/5/2004
Recertify By 12/31/2010



Chyler Burns
Chair, Certification Board



-11/22 -1/2010
President





American Society for Quality

Annemarie Appleton

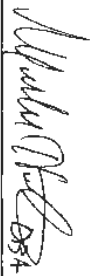
*has satisfactorily fulfilled the requirements established
by the Society for professional attainment in*

Quality Auditing

and is, therefore, certified by the Society as a

Quality Auditor

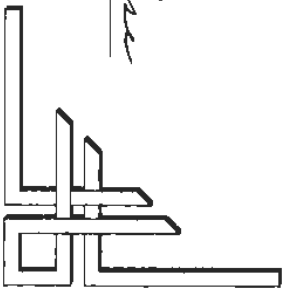
Certificate Number	30469
Certification Date	06/05/04
Recertify By	06/30/07

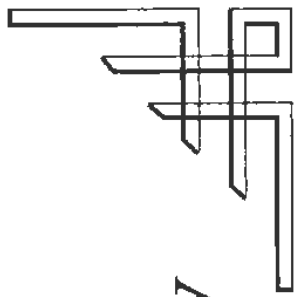


Chair, Certification Board




President





American Society for Quality

Annemarie Appleton

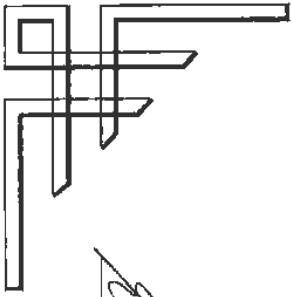
*has satisfactorily fulfilled the requirements established
by the Society for professional attainment in*

Quality Engineering

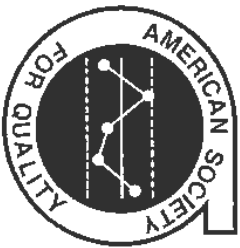
and is, therefore, certified by the Society as a

Quality Engineer

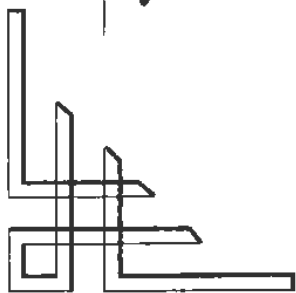
Certification Number 46754
Certification Date 12/4/2004
Recertify By 12/31/2010

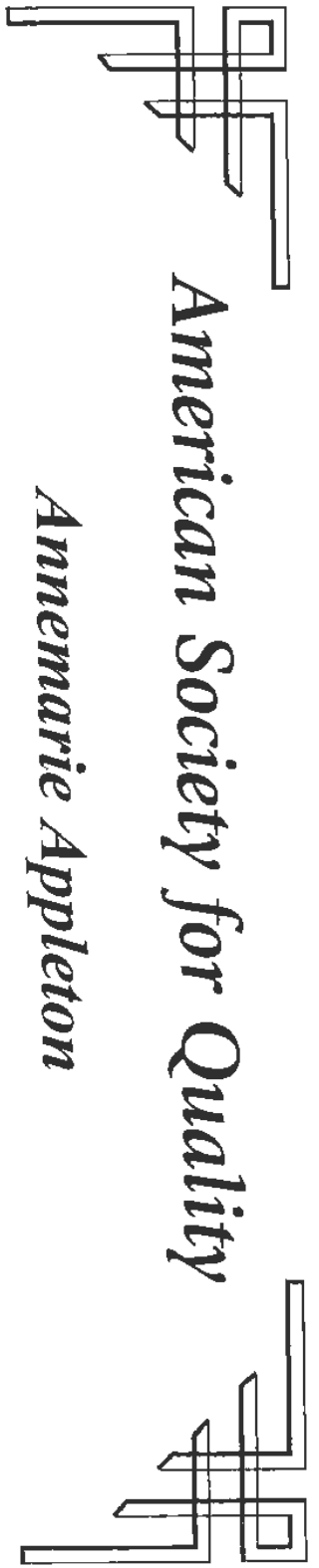


Christy Burns
Chair, Certification Board



-11/02 -1/02
President





American Society for Quality

Annemarie Appleton

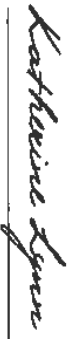
*has satisfactorily fulfilled the requirements established
by the Society for professional attainment in*


Quality Engineering


and is, therefore, certified by the Society as a

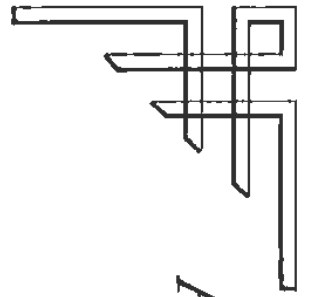
Quality Engineer

Certification Number: 46754
 Certification Date: 12/4/2004
 Recertify By: 12/31/2007


 Katherine Lynn
 Chair, Certification Board




 President



American Society for Quality

Annemarie Appleton

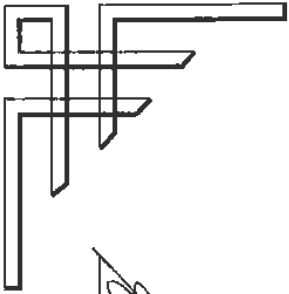
*has satisfactorily fulfilled the requirements established
by the Society for professional attainment in*

Quality Management

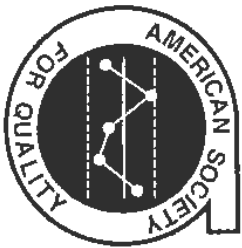
and is, therefore, certified by the Society as a

Manager of Quality/Organizational Excellence

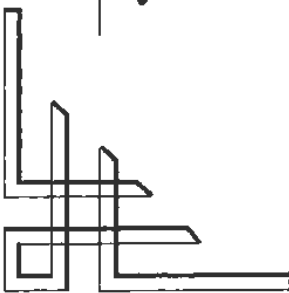
Certification Number 8430
Certification Date 10/16/2004
Recertif. By 12/31/2010

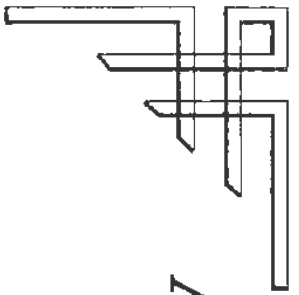


Elizabeth Burns
Chair, Certification Board



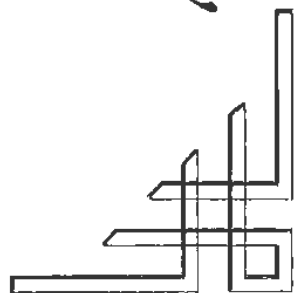
-11/22 -1/2010
President





American Society for Quality

Annemarie Appleton



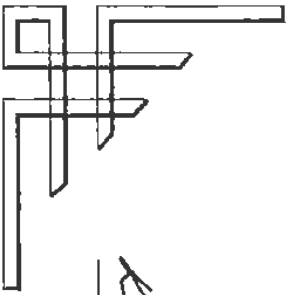
*has satisfactorily fulfilled the requirements established
by the Society for professional attainment in*

Quality Management

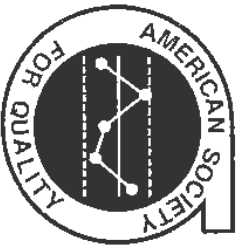
and is, therefore, certified by the Society as a

Quality Manager

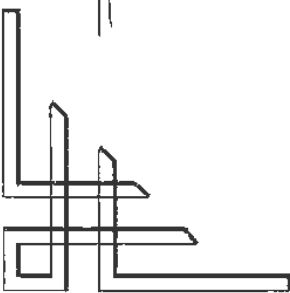
Certification Number:	8430
Certification Date	10/16/2004
Recertify By	12/31/2007



Katherine Lynn
Chair, Certification Board



David M. T...
President



American Society for Quality Control

Annemarie Appleton

has satisfactorily fulfilled the requirements established by the Society for professional attainment in

QUALITY AUDITING

and is, therefore, certified by the Society as a

QUALITY AUDITOR



Certificate Number	3052
Certification Date	6/6/92
Recertify By	6/30/95

Ernell S. Knigs

Chair, Certification Committee

AV Crane

President

Certificate of Completion

Annemarie Appleton

HAS PARTICIPATED IN AND COMPLETED

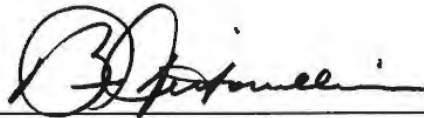
**ASQ's Foundations in Quality
SELF-DIRECTED LEARNING SERIES**

Certified Quality Auditor

AND HAS BEEN AWARDED

3

CONTINUING EDUCATION UNITS (CEU)



Brian J. LeHoullier
Director, Programs and Operations





American Society
 for
 Quality Control
 North Jersey Section

May 23, 1992
 Date

Certificate of Recognition

This is to certify that

ANNEMARIE APPLETON

has successfully completed
 the course of instruction entitled

Certified Quality Auditing

Frank J. Brown
 Instructor

William D. Brown
 Chairman, Education Program