Camaron Lemmer

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St. Michael, Mn 55376 E-mail: cam.lemmer@hotmail.com

Objective

To be placed within a position that would allow me the opportunity for growth and advancement.

Summary of Qualifications

- **Over 6+ years of experience in QA/QC environment!!**
- Have hours needed to take ASNT Level III for Radiography (RT)
- Experience and Training in PT (Liquid Penetrant), MT (Magnetic Particle), ET (Electromagnetic) and UT (Ultrasonic).
- Level II Hours in PT, MT, UT
- Level II Certification in Film, CR, DR, and CT through Level III ASNT
- Experience working with GD&T, Drawings, ASTM Specifications and Requirements
- Very knowledgeable in Computed Tomography (CT), Digital Radiography (DR), Computed Radiography (CR), and Film.
- Knowledge of Reverse Engineering and CAD comparison through CT and other software
- Knowledge of 2D/3D Metrology
- Density, Porosity, and Inclusion Analysis through software recognition
- X-Ray tubes and Flat Panel Detectors
- High knowledge of X-Ray Scatter prevention and reduction, filtering and affects, X-ray Attenuation
- Ability to consult others in all forms of Radiographic Testing
- Ability to operate a variety of software's for data processing
- Comfortable in high stress situations; can resolve conflicts and complaints effectively.
- Excellent communication skills, cooperative, supportive, personable, focused, time management, leadership skills, goal oriented, driven team player.
- Proficient in Microsoft Word, and Excel, PowerPoint etc.
- Knowledge of multiple digital radiographic software
- High knowledge of thousands of different **devices/parts ranging from medical, industrial, aerospace, automotive, electrical, and materials ranging from cotton fibers to platinum.**
- High knowledge of **weldments, forgings, and castings**.
- System Maintenance (Continuously provided cleaning and changing out of parts)
- Part Traceability, Overall part Quality and Failure Analysis
- **GD&T Dimensional Measurements**
- Experience with **Audits (NADCAP, ISO/TS 16949, ISO9001, ISO14001)**
- **In charge of all CALIBRATION, and QUALITY requirements.**
- Constructed, developed, implemented procedures and documented department traceability.
- Written Practice, Written Procedures, ASNT Specifications, SNTC-1A, etc.
- ASTM, ASME, MAI, USAF, FWGIDR, ETC
- Sales Experience- voted Salesman of the Month 6 months in a row.
- Drive, Passion to exceed and bring Fortune.
- High Knowledge of WELD INSPECTION and DEFECTS
- High Knowledge of CASTING INSPECTION and DEFECTS, MOLDING PROCESS'S
- MANAGING EXPERIENCE

Professional Experience

NDT Level II
Element Materials Technology St. Paul
March 2013 – Currently Employed

Lab Atmosphere where customers parts range daily from Aerospace, Automotive, Medical Device, Electronics, etc. Reviewing specifications for QA/QC. Suggesting ACTION PLANS, Consulting ON-SITE, Computed Tomography, Digital Radiography, Computed Radiography, Film, Liquid Penetrant, Magnetic Particle, Ultrasonic, Eddy Current, and Visual Inspections are done daily. WELDING QUALIFICATIONS PER RADIOGRAPHY, ULTRASONICS, LIQUID PENETRANT, AND MAGNETIC PARTICLE.

Digital Radiography NDT Level II Specialist
Quality Inspection Services, Inc. An Applus RTD Company
January 2013 – March 2013 (3 months)

All Digital types of Radiography Specialist. Qualifying Digital X-ray systems, reviewing ASTM, ASME, NADCAP, Aerospace, Medical, and other various Standards regarding Quality. Reviewing DEFECTS per specification requirements etc..

Managed X-RAY Department
Grede Foundry
July 2011 – November 2012 (1 year 5 months)

• Managed X-Ray Department at Grede Foundry St. Cloud, MN
• Successfully constructed X-Ray Department from the ground up
• Developed Techniques
• Created Quality Procedures for documented traceability
• Prepared "NEW" department for Audit.
o Developed procedures for safety and health including Emergency Shut Down, Job Instructions, System Quality, Operating Personnel, Process Sheets, and Radiation Safety, Written Practice, and NDT CR SYSTEM QUALITY according to ASTM E2445, and E2446.
• Worked with Engineers and Metallurgist on improving part quality daily
• Created Training Program certified by Level III providing expertise and efficiency in a newly formed X-ray Department.
• Supervised two Level 1's and successfully trained from trainee to Level 2 status
• Developed Level 1 and Level 2 CR Tests (General, Specific, Practical) and corresponding material.
• Continued to create Procedures and Documents to provide a more efficient working atmosphere.

NDT Level II RT Type: CT, DR, CR, Film
Element Materials Technology
July 2011 – July 2012 (1 year 1 month)

Sub-contracted to Grede LLC.

X-RAY Service Technician NDT Level II
North Star Imaging
July 2009 – July 2011 (2 years 1 month)

• X-Ray Service Technician
• Worked as NDT Level II
• Worked in a Lab Environment where customers are dealt with daily
• Supervised two Level I's and any temps for large jobs
• Worked with system quality for reviewing systems before shipment
• Handled huge range of parts from pace makers, dinosaur bones, castings, engine blocks, and a variety of parts in the Aerospace industries

Education

2006: Graduate Big Lake High School, Big Lake, MN

2006-2009: Attended College at St. Cloud State for Radiology

2009-Present: Shown below ↓ on certification record

References

Provided upon request
MORE BACKGROUND, EXPERIENCES, AND RECCOMENDATIONS AVAILABLE @
http://www.linkedin.com/pub/camaron-lemmer/48/598/168

element

Element St. Paul

CERTIFICATION RECORD

Name:	*Camaron Lemmer*
Date of Birth:	*02/02/88*
Date of Employment:	*07/25/11*

Camaron Lemmer has met the requirements of Element. Personnel Qualification and Certification Procedure NDT-GN-02, current revision.

CERTIFICATION LEVEL NDT Method	Level	Date of Original Certification	Date of Current Certification	Date Current Certification Expires
Radiography	II	09/02/11	09/02/11	09/02/14

CERTIFICATION EXAMS	General Level II		Specific Level II		Practical Level II		Composite
NDT Method	Score	Date	Score	Date	Score	Date	Score
Radiography	72.5%	07/28/11	91%	09/02/11	95%	09/02/11	86%

VISION EXAMS	Acceptable	Date of Current Exam	Date of Exam Expires
Near-vision Acuity	YES	09/02/11	09/02/12
Color Contrast Differentiation	YES	09/02/11	09/02/12

PRACTICAL EXPERIENCE

Experience listed meet or exceed the requirements of Element. Personnel Qualification and Certification Procedure NDT-GN-02, current revision

Employer	Years	Experience
Element St. Paul	09/02/11 to present	RT Level II
Stork Twin City Testing	07/25/11 to 09/01/11	RT Trainee
North Star Imaging	07/2009 to 07/2011	Digital Radiography Level II

TRAINING COURSES

Training courses listed meet or exceed the requirements of Element. Personnel Qualification and Certification Procedure NDT-GN-02 Current revision.

Subject	School	Hours
Digital Radiography System Training	North Star Imaging	24
Digital Radiography / CT	North Star Imaging	24
Radiographic Technique Development	North Star Imaging	16
Digital Radiography Self Study	North Star Imaging	18
Radiation Safety	North Star Imaging	40
Grading Castings ASTM E 446	Stork Twin City Testing	20

Approved By: Rick Gerads, ASNT Level III #66094 Rick Gerads Date: 12.23.12

Certified By: Michiel Graswinckel, Date: 12.23.12

element

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To Whom it May Concern:

In July of 2011, Mr. Camaron Lemmer was employed on-site at Element St Paul (then Stork Twin City Testing) to receive 80 hours of training, certification, and company indoctrination before being staffed as a Level 2 radiographer at Grede Foundry in St Cloud, MN. During this time, Mr. Lemmer received extensive training in film radiography methods, since this was lacking in his prior experience.

Mr. Lemmer received 56 hours of training in Level 2 Film Radiography, via laboratory and on-the-job training, covering the following topics, as outlined in Element St Paul's written practice:

1. Review of Basic Radiographic Principles
a. Interaction of radiation with matter
b. Math review
c. Exposure calculations
d. Geometric exposure principles
e. Radiographic image quality parameters
2. Darkroom Facilities, Techniques and Processing
a. Facilities and Equipment
(1) Automatic film processor vs. manual processing
(2) Safelights
(3) Viewer lights
(4) Loading bench
(5) Miscellaneous equipment
b. Film loading
(1) General rules for handling unprocessed films
(2) Types of film packaging
(3) Cassette loading techniques for sheet and roll
c. Protection of radiographic film in storage
d. Processing film – manual
(1) Developer and replenishment
(2) Stop bath
(3) Fixer and replenishment
(4) Washing
(5) Prevention of water spots
(6) Drying
e. Automatic film processing
f. Film filing and storage
(1) Retention-life measurements
(2) Long-term storage
(3) Filing and separating techniques
g. Unsatisfactory radiographs – causes and cures
(1) High film density
(2) Insufficient film density
(3) High contrast
(4) Low contrast
(5) Poor definition
(6) Fog
(7) Light leaks
(8) Artifacts
h. Film density
(1) Step-wedge comparison film
(2) Densitometers
i. Process Controls and Monitoring
3. Indications, Discontinuities, and Defects
a. Indications
b. Discontinuities
(1) Inherent
(2) Processing
(3) Service
c. Defects
4. Manufacturing Processes and Associated Discontinuities
a. Casting processes and associated discontinuities
(1) Ingots, blooms, and billets
(2) Sand castings
(3) Centrifugal castings
(4) Investment castings
b. Wrought processes and associated discontinuities
(1) Forgings
(2) Rolled products
(3) Extruded products
c. Welding processes and associated documents
5. Radiological Safety Principles Review
a. Controlling personnel exposures
b. Time, distance, shielding concepts
c. ALARA (as low as reasonably achievable)
d. Radiation detection equipment
1. Radiographic Viewing
a. Film illuminator requirements
b. Background lighting
c. Multiple composite viewing
d. Penetrameter placement
e. Personnel dark adaptation and visual acuity
f. Film identification
g. Location markers
h. Film density measurement
i. Film artifacts

2. Application Techniques
a. Multiple film techniques
(1) Thickness variation parameters
(2) Film speed
(3) Film latitude
b. Enlargement and projection
c. Geometric relationships
(1) Geometrical unsharpness
(2) Penetrameter sensitivity
(3) Source to film distance
(4) Focal spot size
d. Triangulation methods for discontinuity location
e. Localized magnification
f. Film handling techniques
3. Evaluation of Castings
a. Casting method review
b. Casting discontinuities
c. Origin and typical orientation of discontinuities
d. Radiographic appearance
e. Casting codes/standards – applicable
f. Reference radiographs
4. Evaluation of Weldments
a. Welding method review
b. Welding discontinuities
c. Origin and typical orientation of discontinuities
d. Radiographic appearance
e. Welding codes/standards – applicable
f. Reference radiographs or pictograms
5. Standards, Codes and Procedures for Radiography
a. ASTM E-1742
b. Mil-Std-453C
c. Mil-Std-2175/AMS-2175
d. Acceptable radiographic techniques and setups
e. Applicable ELEMENT general and calibration procedures
f. Applicable ELEMENT Customer Documents
h. Radiographic technique sheets
i. Radiographic reports

Mr. Lemmer demonstrated satisfactory performance in the above training topics.

Respectully Submitted,

Brendon Gesler, ASNT Level III MT, PT, RT, number 198050

North Star Imaging Inc.

NDT PERSONNEL QUALIFICATION

NAME: **Camaron Lemmer**

NDT TRAINING AND EXPERIENCE

	INSTITUTION/INSTRUCTOR	SUBJECT	HOURS	DATES	REMARKS
Nondestructive Training	North Star Imaging/Brett Muehlhauser- Level III	Radiation Safety	4+	July 2009	NSI Radiation Safety
	North Star Imaging/Brett Muehlhauser- Level III	DR System training	24	July/Aug/2009	DR System Operation Training
	North Star Imaging/Brett Muehlhauser- Level III	Digital Radiography/CT	24	Feb/2010	Course in Real-Time X-ray-Digital Radiography and intro to CT
	North Star Imaging/Brett Muehlhauser- Level III	Technique Development	16	Jan/Feb/2010	DR and CT Technique Development
	North Star Imaging/Brett Muehlhauser- Level III	DR Self Study	18	June/July/2011	DR Self Study – NSI Training Material

	EMPLOYER	FROM/TO	REMARKS
Nondestructive Experience	North Star Imaging Inc.	July 27 -2009 – January 2010	Level I type duties in Digital Radiography using Area detectors and Computed Radiography. Performed 2D imaging and 3D/CT imaging. Duties involved DR and CT scanning using existing techniques. Provide data archiving and data transfer to customer. Direct customer interface on a daily basis.
	North Star Imaging Inc.	January 2010 – July 2011	Level II type duties in Digital Radiography using Area detectors and Computed Radiography. Performed 2D imaging and 3D/CT imaging. Duties involved equipment setup and daily technique development, evaluation of results, data archiving and data transfer to customer. Direct customer interface on a daily basis. Use of Microfocus, Mini Focus and Conventional Focal Spot tubes.

Britt Muehlhauser

NSI LEVEL III – ASNT # #9258

NORTH STAR IMAGING, INC.

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WWW.4NSI.COM

BRANCH OFFICES
MILWAUKEE

RADIATION SAFETY TRAINING RECORD

Camaron Lemmer has successfully completed the NSI Radiation Safety training course.

The training addressed the use of NSI specific equipment and Procedures.

The following is an outline of the training received.

- Fundamentals of Radiation
- Biological effects of radiation on the human body
- Recognizing the symptoms of an overexposure.
- The maximum permissible dose allowed.
- Personnel monitoring requirements.
- Requirements and methods of reporting an overexposure or suspected overexposure.
- The function and importance of the various radiation warning signs, interlocks, Shielding Drapes and other safety devices incorporated into NSI's X-ray emitting equipment.
- Operation procedures for the NSI's x-ray emitting equipment.
- X-ray Equipment Inspection and Maintenance Requirements.
- Identification of radiation hazards associated with the operation of NSI's X-ray equipment & industrial ionizing radiation producing equipment in general.
- Emergency Procedures for NSI's x-ray equipment.
- Radiation Survey Instrument requirements, (Type, Calibration etc.)
- Performing Radiation Surveys and Record Requirements.
- Radiation Units
- Principals Of Radiation Protection (ALARA)
- Applicable State and Federal regulations
- Radiation Procedure/Program Requirements.
- Radiation Safety as it relates to Manufacturing NSI X-ray Systems.

Brett Muehlhauser

Brett Muehlhauser: NSI Training Instructor

7/28/09
Date

NORTH STAR IMAGING, INC.

Certifies that

Camaron M. Lemmer

Has successfully completed a course of instruction in

Real Time X-Ray Imaging
&
Digital Radiography

The course consisted of 24 hours of training on February 16, 17 & 18, 2010

NORTH STAR IMAGING, INC.

Brett Muehlhauser, ASNT III
Certificate #LM-9258

CERTIFICATE OF COMPLETION
NSI