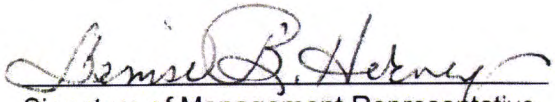


Model Delegation of Authority to RSO

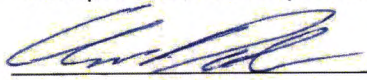
Memo To: Radiation Safety Officer
From: Chief Executive Officer (or designee)
Subject: Delegation of Authority

You, Andrew DeCie, have been appointed radiation safety officer and are responsible for ensuring the safe use of radiation. You are responsible for managing the Radiation Protection Program, identifying radiation protection problems, initiating, recommending, or providing corrective actions, verifying implementation of corrective actions, stopping unsafe activities, and ensuring compliance with regulations. You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of byproduct material by employees who do not meet the necessary requirements and shutting down operations, when justified, to maintain radiation safety. You are required to notify management if staff does not cooperate and does not address radiation safety issues. In addition, you are free to raise issues with the U.S. Nuclear Regulatory Commission at any time. It is estimated that you will spend 2 hours per week conducting radiation protection activities.


Signature of Management Representative
Title: Chief Executive Officer

10.9.2015
Date

I accept the above responsibilities,


Signature of Radiation Safety Officer

10-9-15
Date

cc: Affected department heads



HUMBOLDT SCIENTIFIC, INC.
RSO Certification

Andrew DeClue

**HAS SUCCESSFULLY COMPLETED A CERTIFIED
RADIATION SAFETY OFFICER COURSE**

Subjects included were:

RSO Duties and Responsibilities

Radiation Safety Practices

Regulatory Requirements

Dose/Shielding Requirements

Accidents/Storage

Regulatory Guidance (NUREG-1556, Vol. 1)

Transportation/HAZMAT Requirements

Risk

ALARA

Radiation Measurement

Operating and Emergency Procedures

Calibration and Maintenance

Record Keeping

Date of Training: **August 20, 2014**

Location: **Chesterfield, MO**

Certificate Number: **9709**

HAZMAT Expiration Date: **August 20, 2017**

Instructor: **Eddie G. Hall**
Humboldt Scientific, Inc.
551-D Pylon Drive
Raleigh, NC 27606



HUMBOLDT SCIENTIFIC, INC.

HUMBOLDT Nuclear Gauge Training Certification

Andrew DeClue


HAS SUCCESSFULLY COMPLETED A CERTIFIED COURSE ON RADIATION SAFETY, TRANSPORT AND OPERATION OF INSTRUMENTS USING GAMMA AND NEUTRON RADIATION TO MEASURE THE PHYSICAL PROPERTIES OF CONSTRUCTION MATERIALS

Subjects included were:

Types and basic unit of ionizing radiation.
Calculations related to radiation safety.
Biological effects of radiation.
Methods of protection.
Leak testing procedures.
Procedures for safe transport (HAZMAT) and storage.
Federal and State Regulations.

Accident prevention and procedures.
Instrument theory and operation.
Limitations of field maintenance.
Instrument standardization and calibration.
Test site selection and preparation.
Field operation and calculations.
Types and reasons for measurement errors.

Date of Training: April 15, 2004
Location: Chesterfield, MO
Certificate Number: 4789
HAZMAT Expiration Date: April 15, 2007


Instructor: Eddie G. Hall
Humboldt Scientific, Inc.
551 -D Pylon Drive
Raleigh, NC 27606



HUMBOLDT SCIENTIFIC, INC.
HAZMAT TRAINING CERTIFICATION

Andrew DeClue

HAS SUCCESSFULLY COMPLETED A HAZMAT REFRESHER COURSE,
WHICH INCLUDED TRAINING AND TESTING ON THE TRANSPORTATION
REQUIREMENTS OF PORTABLE MOISTURE/DENSITY GAUGES.

Training Topics:

General Awareness

49CFR100-177

Training Requirements

Safety

Emergency Response

Commercial Truck/Air

Specific

Shipping Name

Packaging

Labeling

Marking

Shipping Papers

Driver

Inspection

Security

Bracing

Safety

Shipping Paper Location

Date of Training: **August 12, 2010**

Location: **Chesterfield, MO**

Certificate Number: **8838**

HAZMAT Expiration Date: **August 12, 2013**

Eddie G. Hall

Instructor: Eddie G. Hall

Humboldt Scientific, Inc.

551 -D Pylon Drive

Raleigh, NC 27606

Certificate of Training



this certifies that

Andrew DeClue

has successfully completed
Hazmat Refresher Training

Signed _____

Date 1/11/14

Taylor, Tiresha

From: Null, Kevin
Sent: Tuesday, October 13, 2015 11:10 AM
To: Taylor, Tiresha
Cc: Sandrik, Lauren
Subject: FW: RE: A sample of Delegation of Authority for RSO (re NRC's license)
Attachments: SKMBT_C45215100912480.pdf

Hi Tiresha,

Can you please get this into ADAMS and let me know what the ML number is.

Thanks,

Kevin

From: Nilesch Lal [mailto:NLal@tsi-engineering.com]
Sent: Friday, October 09, 2015 1:00 PM
To: Null, Kevin <Kevin.Null@nrc.gov>
Cc: Tran, Frank <Frank.Tran@nrc.gov>
Subject: [External_Sender] RE: A sample of Delegation of Authority for RSO (re NRC's license)

Kevin and Frank,
Attached are the requested documents.

Please let me know if you have any question.

Thank you,
Nilesch



Nilesch Lal, PE | Area Manager | TSi Geotechnical, Inc.
nlal@tsigeotech.rocks | 314.373.4006 (d) | 314.971.7191 (c)
1340 North Price Road, St. Louis, MO 63132 | tsigeotech.rocks

From: Tran, Frank [mailto:Frank.Tran@nrc.gov]
Sent: Friday, October 09, 2015 10:16 AM
To: Nilesch Lal <NLal@tsi-engineering.com>
Subject: A sample of Delegation of Authority for RSO (re NRC's license)

Dear Sir:

Mr. Kevin Null asked me to send the attached to you.

If you have any questions, please contact Mr. Null at Kevin.Null@nrc.gov.

Best regards,

Frank Tran

License Reviewer

NRC Region 3/Division of Nuclear Materials Safety

Phone: 630-829-9623

Fax: 630-515-1078

Email: Frank.Tran@nrc.gov



Taylor, Tiresha

From: Sandrik, Lauren
Sent: Tuesday, October 13, 2015 11:07 AM
To: Taylor, Tiresha
Subject: FW: Requested paperwork
Attachments: NRC paperwork.pdf

From: Null, Kevin
Sent: Tuesday, October 13, 2015 11:06 AM
To: Sandrik, Lauren <Lauren.Sandrik@nrc.gov>
Subject: FW: Requested paperwork

Hi Lauren,

Can you please put this in ADAMS and let me know what the ML number is.

Thanks, Kevin

From: Andrew Declue [mailto:adeclue@tsi-engineering.com]
Sent: Tuesday, October 13, 2015 10:39 AM
To: Null, Kevin <Kevin.Null@nrc.gov>
Subject: [External_Sender] Requested paperwork

Kevin,

Sorry I missed your call. Attached is the requested paperwork that you needed. The first page is my certificate showing I have taken the Humboldt training program on usage/transport of the gauges. The second page is the latest Hazmat refresher I have taken with Humboldt. And the 3rd is the certificate for our inhouse Hazmat refresher training. If you need anything else, just let me know.

Thanks



Andrew DeClue | Senior Technician/RSO | TSi Geotechnical, Inc. | 314.373.4000 (o) | 314.650.6108 (c)
1340 North Price Road | St. Louis, MO 63132