



**Gulf of Mexico Business Unit**  
Chevron U.S.A. Inc.  
100 Northpark Blvd.  
Room COV100/S2240B Covington, LA  
70433-5069

Mail Control Number: 622S88  
Docket Number : 3037496 License  
Number :  
17-29267-01  
Licensee Name : Chevron U.S.A., Inc.

July 23, 2020

**Amendment to NRC License 17-29267-01 – Radiation Safety Officer Change**

To Whom it May Concern:

John Cannon, our current Radiation Safety Officer (RSO) for License 17-29267-01 named in Amendment 08 of the current license will no longer be fulfilling the role of RSO for Chevron Gulf of Mexico Business Unit. Chevron requests that License 17-29267-01 be amended to show David Estes as the RSO upon approval. Information on David's background and training are attached for your review.

Should you wish to discuss the above action or if you have any questions, please contact myself at 985-773-6318 or by cell phone at 985-502-9728.

Sincerely,

*Mandie Bosch 7/24/2020*

Mandie Bosch  
Environmental HSE Supervisor

**Enclosures:**

Resume for David Estes  
RSO Training Certificates and Class Agenda  
NORM Radiation Training Certificates  
Additional Certificates and Training  
Management Approval for RSO DOA



## Delegation of Authority for Radiation Safety Officer

Memo To: David E Estes

From: Jaime Carbajal

Subject: Delegation of Authority for Radiation Safety Officer David E Estes

You, David E. Estes, have been appointed radiation safety officer and are responsible for ensuring the safe use of radiation within the Gulf of Mexico Business Unit (GOMBU). You are responsible for managing the GOMBU 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.

Jaime Carbajal – General Manager of Gulf of Mexico Healthy, Safety and Environment

[Jaime.carbajal@chevron.com](mailto:Jaime.carbajal@chevron.com)

Office: 985-773-6006

Jaime Carbajal      7/24 /2020  
Signature of Management / Date

I David E Estes accept the above responsibilities,

David E Estes      07/23/2020  
Signature of Radiation Safety Officer / Date



**David Estes**  
HES Environmental Specialist  
Gulf of Mexico Business Unit  
Chevron U.S.A. Inc.  
100 Northpark Blvd.  
Room COV100/S2240B  
Covington, LA 70433-5069  
Tel 985-773-1884  
Cell 505-320-3201  
eest@chevron.com

## **Resume for David E Estes**

### **January 2020 – Present. GOMBU HSE Environmental Specialist**

- Currently acting as the subject matter expert for waste management, NORM, radioactive materials, HazMat and DOT.
- Alternate/Assistant to GOM Security of Assets Advisor managing land and offshore properties to include Airbases, Marine Shorebases, Warehouses, Office buildings, and all Deep-Water Production Platforms.
- Track compliance for all X-ray Fluorescent Analyzers, Airbase passenger/cargo x-ray machines and Shorebase cargo NORM/Radiation detection portal.
- Participate in GOM annual Spill Response drills. Completed NIMS Incident Command Systems level 100 and 200.
- First point of contact for all Hazardous Materials transportation needs.

### **April 2016 – December 2019. GOMBU Logistics HES Specialist supporting Aviation, Marine and Land bases.**

- In conjunction with Environmental Specialist managed all Radioactive and Hazardous Materials transportation for Aviation and Marine.
- Liaison between Field Operations personal and GOM Environmental Specialist for all NORM, Radiation, and Hazardous Materials inquiries developing procedures and training materials.
- Worked closely with GOM Environmental Specialist on implementing and addressing all Radiation, NORM, Hazardous Materials Regulation compliance.
- Worked as the Alternate/Assistant to the GOM Security Advisor in managing all Coastguard implemented Security of Vessel and Production Platform security programs, included security of offshore Radioactive sources.

### **Training Completed April 2016 – Present.**

- 40hr. Radiation Safety Officer Training – June 2020
- 40hr NORM/TENORM Training – Feb. 2020
- 8hr X-ray Fluorescent Analyzer Safety and Operations Training - June 2020
- GOM DOT Shipping and Packaging Training
- GOM Hazardous Waste Generation and Storage
- GOM HES NORM training
- Coast Guard MARID Facility Security Officer Certified - May 2018
- 40hr 49 CFR US DOT Aircraft Transportation of Hazardous Materials - 2017
- 8hr NIEHS Hazardous Materials worker and HAZMAT – April 2018

- 40hr 49 CFR Transportation, Packaging, and Shipping of Hazardous Materials by ground, air, and marine vessel – 2016, 2018, 2019.
- 40hr 29 CFR OSHA General Industry for worker protection - 2019
- TWIC card carrier
- NIMS Incident Command Systems Level 100 and 200 certified.

Sincerely,

David E Estes  
Environmental HSE Specialist -Waste/HazMat/DOT/NORM/Radiation



# *Certificate of Completion*

*This is to certify that*


***David Estes***

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***Has successfully completed  
40 Hr. Industrial Radiation Safety Class/  
Routine and Non-Routine Maintenance***

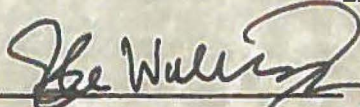
***114 Tulsa Road  
Oak Ridge, TN  
June 22-26, 2020***





  
Chester Douglas, RRPT  
Radiation Safety Officer



ENGELHARDT & ASSOCIATES, INC.

  
Joshua Walkowicz, CHP

  
Susan J. Engelhardt, MS  
President, CEO

  
Daniel Johnson, BSNE

OAK RIDGE TN CLASS 22June-26 June, 2020

Monday\_Open class with a discussion of Oak Ridge

8:00-8:15	Introduction to the class and discussion of objectives; Introduction to Jon Buchanan, General Manager Berthold
8:15-9:15	Chapter 1--Introduction to industrial uses of radiation
9:15-9:30	Break
9:30-10:30	Chapter 2--Regulatory structure and historical perspective
10:30-11:00	Review questions and discussion of Chapters 1 and 2
11:00-11:30	Chapter 3--Radiation physics (types of radiation, half life)
11:30-12:30	Lunch
12:30-1:00	Chapter 3 (continued)-Radiation units (Curie, rem, rad Roentgen, SI units)
1:00-1:30	Chapter 3 (continued) Radiation Exposures from non-working sources
1:30-1:45	Break
1:45-2:30	Review questions and discussion Chapter 3
2:30-3:00	Chapter 4—Radiation Detection
3:00-4:00	Measurements Lab
4:00-4:15	Discussion and wrap-up for the day.

Tuesday

8:00-8:45	Review questions and discussion of chapter 4
8:45-9:30	Chapter 5—Radiation Dosimetry (allowable limits, MOP,ALARA, Declared Pregnant Worker, badge wear, when can a badge be given to a worker; regulatory background on dose limits
9:30-10:15	Review questions and discussion of Chapter 5
10:15-10:30	Break
10:30-11:15	Chapter 6—Radiation Biology
11:15-11:45	Review questions and discussion of Chapter 6
11:45-12:45	Lunch
12:45-2:00:	Chapter 7—Important terms and Definitions and Tables; Chapter 2 continued—SSDR's, Gauges coming in from Europe, QA/QC programs, DOT compliance, etc.
2:00-2:30	Review Questions and discussion of Chapter 7
2:30-2:45	Break
2:45-4:00	Chapter 8 Radiation Protection
4:00-4:15	Wrap up for the day

Wednesday (Morning)

8:00-9:15	Chapter 9—Radiation Safety Programs and Inspections
9:15-9:30	Break
9:30--10:30	Chapter 10—Responsibilities for Radiation Safety
10:30-10:45	Break
10:45-11:15	Worksheets for Chapters 8-11
11:15-12:00	Chapter 14--Non-Routine Maintenance Discussion
11:45	Lunch

(AFTERNOON)TRIP TO SPECTRUM TECHNIQUES

-Manufacturer of check sources and detection equipment

Thursday (Berthold) *NUREG 1556 vol. 4*

9:00 Berthold will be on-site at the hotel for the Non-Routine Maintenance lab

Thursday Afternoon:

1:00-2:00	Transportation-Function Specific DOT
2:00-2:15	Break
2:15-3:15:	Non-Routine Maintenance information
3:15-4:00	Radiation Safety Programs and Discussion

Friday

8:00-9:00	Chapter 12—Security of Radioactive Materials; Part 37 compliance and impact on non-USA personnel with respect to being able to operate independently.
9:00-10:15	Reportable Events for 2019 and Lab session for reportable incidents
10:15--10:30	Break
10:30-11:15	Special Topics and Open Discussion for Regulatory Compliance
11:15-12:15	Lunch and Exam Wrap-up



# SPECIALIZED TRAINING CERTIFICATE

## David Estes

Has Successfully Completed a Sixteen (16) Hour Training Course as an Oil and Gas

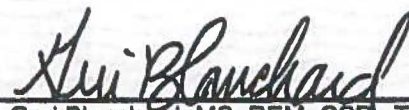
### NORM/TENORM SURVEYOR


The course is recognized as acceptable specialized training by the Texas Department of State Health Services, 25 TAC §289, and the Railroad Commission, 16 TAC §4.6. The course includes, but is not limited to, the following:

- Origins of NORM, Atomic Theory, Sources of Radiation Exposure, and Minimizing Exposure
- Petroleum, Natural Gas Condensate, Upstream, Midstream, and Downstream Processes
- Biological Effects of Radiation, Exposure to an Unborn Child, and Risks Associated with Radiation Exposure
- NORM/TENORM State Regulations – AR, LA, MS, NM, ND, OH, TX, and WV
- Federal Regulations, CRCPD Part N, Legal Responsibilities, and General / Specific Licenses
- Radiation Protection Plans, Waste Management Programs, Personnel Monitoring, and Liability Minimization
- Survey Instrumentation, Performing Radiation and Contamination Surveys, and Documenting Surveys
- Surveyor Responsibilities, Problems and Solutions, Radiation Units, and Sampling Methods
- Decontamination Methods, Respiratory Protection, Shipping / Manifesting, and Disposal Options

Training Dates: January 14, 2020 – January 15, 2020



  
Geri Blanchard, MS, REM, CSP - The NORM LADY™  
President / CRSO





# SPECIALIZED TRAINING CERTIFICATE

## David Estes

Has Successfully Completed An Eight-Hour (8-Hour) Class 7 Hazardous Materials Training Course In The

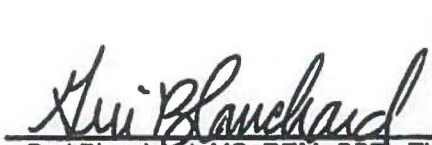
### TRANSPORTATION OF NORM/TENORM

The course meets the training requirements 49 CFR 172.700 through 49 CFR 172.704, and is recognized as specialized training by the Texas Department of State Health Services, 25 TAC §289, as the regulations pertain to the radiation hazards associated with the transportation of NORM. The course includes, but is not limited to, the following:

- General Awareness, Familiarization Training, Function Specific and Safety Training, and En Route Security
- Emergency Response Information and Assessment of Possible Transportation Security Risks
- Protective Measures, Personnel Security, Radiation Units, and Process Interpretation
- DOT Radioactive Material Calculations, Determinations, and Data Interpretation
- Shipping Categories, Shipping Methods, Packaging, Labeling, and Shipping Papers / Manifesting

Training Date: January 16, 2020



  
Geri Blanchard, MS, REM, CSP. The NORM LADY™  
President / CRSO





# In Recognition of Successful Completion

*U.S. Coast Guard Accepted, MARAD Certified*

## Facility Security Officer Course

**Seebald & Associates International**

Are pleased to present this certificate to

*David Estes*

This 6<sup>th</sup> Day of June, 2018

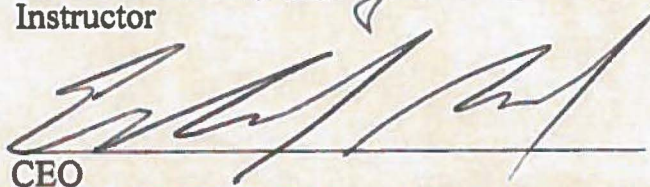
at

New Orleans, LA



FSO18-122

  
Instructor

  
CEO







**OLYMPUS**

# Certificate of Training

This is to certify that

**David Estes**

employed by

**Chevron**

has successfully completed two hours of instruction in

## **Vanta XRF Instrument Operational Training**

presented virtually 16 June 2020



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**Michael W. Hull, PhD**  
Instructor



**OLYMPUS**

# **CERTIFICATE OF COMPLETION**

This is to certify that

**David Estes**

has completed the course

**Vanta Handheld XRF Safety Training - English**

June 4, 2020

Date

# NOVA SOUTHEASTERN UNIVERSITY

THE INSTITUTE *for* DISASTER & EMERGENCY  
PREPAREDNESS

Nova Southeastern University Dr. Kiran C. Patel College of Osteopathic Medicine

*certifies that*

**David Estes**

*has successfully completed the following course:*

**Hazardous Materials Safety & Security Awareness Training (8 hours)**

on August 16<sup>th</sup>, 2018



Darren Cohen, D.O.  
Director, Institute for Disaster & Emergency Preparedness



Stephen G. Grant, Ph.D.  
Principal Investigator, Project SEAMIST

**NSU**  
Florida  
Dr. Kiran C. Patel College  
of Osteopathic Medicine  
NOVA SOUTHEASTERN  
UNIVERSITY

**SEAMIST**  
South East Area Maritime Industry Safety Training

INSTITUTE FOR DISASTER & EMERGENCY  
PREPAREDNESS  
**IDEP**

Above listed training satisfies HAZWOPER 29 CFR 1910.120(q)(6)(i)  
Training funded by the National Institute of Environmental Health Sciences, Grant #U45ES019350