



Electrical Safety Update (NFPA 70E) Summary

Program Outline

Schedule of Classes

Classes will be held at the Idaho State University Campus as well as Simplot facility (Spring 2023) in Pocatello Idaho. Classes will be held Spring of 2023, Spring 2024, Spring 2025, and Spring 2026.

Quiz

N/A

Sample Certificate

(See attachment)

Sample Evaluation Card

(See attachment)

Instructor Information

Matt Neeser, Idaho Electrical Journeyman, Electric Motor specialist Simplot, Pocatello.
(See attached resume)

Course Material

Instructor will be using the NFPA 70 (NEC 2023) Handbook



**Idaho State
University**

Electrical Safety Update (NFPA 70E) **(NEC 2023)**

Instructor

Matt Neeser

Course Overview

This course is based on the NFPA 70E (NEC 2023) Standard for Electrical Safety and has a variety of safety tips, rules, and regulations. Topics include electrical safety, safety audits, personal protective equipment, and behavior-based safety.

Phone

208 282-3372

Email

Matt.neeser@simplot.com

Instructor Material

NFPA National Electric Code 2023

NFPA 70E Workbook

Ugly's Electrical Reference 2023 Edition

Office Location

RFC Room 184

Course Schedule

This is an 8-hour continuing education course which is provided by Idaho State University, Continuing Education/Workforce Training, during the spring season. This course may also be provided to individual companies as customized training.



**Idaho State
University**

Continuing Education and Workforce Training

#0000000

John Smith

Electrical Safety Update (NFPA 70E)

Has completed 8 contact hours

Idaho Course #00-000000

Signed

Date

IDAHO STATE UNIVERSITY
College of Technology

WORKFORCE TRAINING
Course Evaluation

Course:

Instructor:

Location:

Date:

How Satisfied were you with the...	Very		Neutral	Satisfied	Very	
	Dissatisfied	Dissatisfied			Satisfied	Satisfied
Presenter's knowledge?						
Organization (flow) of the presentation?						
Quality of course materials?						
Opportunity for questions and participation?						
Instructor's ability to relate material to class needs?						
Relevance of the course with your job?						
Thought that you received at least one specific skill/tool that will help you be more effective?						
Amount of time given for the material covered?						
Overall course contribution to your knowledge & skill?						

How would you rate the instructor on a scale of 1 – 10 (1 is low – 10 is high)

Low	1	2	3	4	5	6	7	8	9	10	High

List one thing you will be able to take away from today:

What did you like most about today's training?

What can we do to improve today's training?

Additional training requests:

Email Addresses:

Matthew K. Neeser
156 Palomino
Pocatello, Id. 83201
(208)317-6770
Mmfn42@hotmail.com

EDUCATION:

Electrical Apprenticeship course through Idaho State University School of applied technology completed in May 2002. Successfully passed my Idaho Electrical Journeyman test in October 2002. **License # J-23313**

High School-Marsh Valley High School, Graduated, May 1997

EXPERIENCE:

August 2016-Present: Idaho State University Pocatello, Id.
Electrical Instructor

Responsibilities include:

- Electrical instruction for 3rd year and 4th year apprenticeship course, setting up course curriculum, grading and monitoring weekly assignments, updating course requirements. In class instruction as well as online instruction.
- Electrical Instruction for NFPA 70E training, designing course and course curriculum within the state and federal compliance guidelines. Instruction on interpretation of 70E and instruction of using document to fulfill state and federal rules and regulations. Instruction on procedures and PPE selection for compliance.

May 2011-Present: J.R. Simplot Company (Don Plant) Pocatello, Id.

E & I Reliability Lead, E & I Planner/Supervisor, Supervising Journeyman, Electrical & Instrumentation Technician

Responsibilities include but are not limited to:

- Day to Day planning and supervision of E & I shop work in accordance with plant down days, pm schedules and projects. Including back log management and closure of work orders completed. Also writing of said work orders as necessary to jobs and projects.
- Yearly Turn Around planning of plant electrical distribution outage schedule for breaker testing and thermal imaging repair work.
- Managing and coordination of Plant Power outages for Idaho Power work.
- Clearance request, Managing and coordination with IPC for TG Generator including Electrical Zero Energy verification and grounding.
- Planning and Supervision of Simplot controlled Switch Gear meter replacement, installation and maintenance.
- Design and scheduling of lower-level projects not requiring engineering assistance. Including job plan, area coordination with managers and supervisors, procurement of material, inspection of material, Permitting and QA of project, as well as assurance the project is completed in accordance with all governing agencies and codes.
- Scheduling and monitoring of E & I shop personnel training and licensing requirements are met and current.
- Writing and review of plant safety procedures and JSA's in accordance with NFPA 70E, NEC and OSHA guidelines.
- Project management of outside contractors for assigned projects, review and approval of contractor safety HASP's. Scheduling and monitoring of projects timely completion, scheduling and updating area production managers, finding solutions to issues encountered during project, QA of final install, and sign off completion with all parties involved.
- Involvement with disciplinary actions necessary for plant personnel, including but not limited to coaching and training.
- Management of Change initiation, approval and assignment of action items to appropriate departments, including issuance of work orders.
- Trouble shooting and repair of electrical and instrumentation issues, including PLC's, valves, transmitters, temp sensors, VFD's, Transformer, generators, CT's.
- RCA (Root Cause Analysis) facilitator, Investigation of incidents and solutions to prevent further incidents of similar design aspects.

- Electrical Reliability program design, Building the program for our company to follow, includes Motor reliability, Distribution gear reliability, substation, and infrastructure reliability. PM and PDM guidelines for maintaining and upgrading assets.

JUNE 2006-MAY 2011: Portneuf Electric Inc. Pocatello, Id.
Working Foreman/Project Manager

Projects Included But are not limited to:

Lamb Weston Turnaround-2006
Simplot (Don Plant) - multiple projects, 2006-2011
Agrium- multiple projects, 2008-2010
Chubbuck/I-15 Highway – 2008-2010
Portneuf Medical Center -2010-2011

INL Projects Include:

RWMC-ARP 4 – 2009
RWMC-ARP 5 – 2010
IORC – 2010
MFC – 2011

- Installation of material and components on projects with crew.
- Boom Truck and crane work for install of light and signal poles, wiring and troubleshooting as well as Equipment including switch gear, signal cabinets, transformers and MCC'S
- Scheduling and coordination of material and equipment with vendors and subcontractors.
- Scheduling and coordination of project with project managers.
- Assurance that the project was installed in accordance with the NEC, including walk through with AHJ's. As well as as assuring the project was completed on time and with Quality.

- Conducting weekly and monthly safety meetings with crew and discussing any problems or concerns with employees and making quick resolve to said issues.
- Attend regular project meeting to discuss project, resolve issues or make changes to schedule as needed.
- Medium voltage cable installs, Termination and repair up to 15KV.

FEBRUARY 2000 – JUNE 2006: ConAgra Foods Inc. (Lamb Weston), American Falls, Id.

Electrical Apprentice/Supervising Journeyman-Electrical/Electronic Shop Foreman

- Maintenance Electrician installing and troubleshooting of electrical and electronic components.
- PLC programming on processing equipment, including program design, PLC cabinet layout and install.
- Trouble shoot and repair of electronic/computerized process systems.
- Trouble shoot and repair of PLC communication systems, Ethernet, Fiber optic and Modbus.
- Overhead hot stick maintenance work on 12,500 V lines, replacement and repair of fuses, as well as disconnecting of fuses for zero electrical energy verification with visual lock out.
- 12,500 v switch gear maintenance work repair, including opening switching and zero energy verification, and grounding for transformer work.
- Supervision of Electrical shop monitor and ensure work completed in accordance with schedules and installed in accordance with codes.
- Evaluation of personnel for promotions.
- Scheduling of projects with managers and production.
- Working with other departments to solve difficult plant issues and assuring efficient plant operations.
- Implementation of NFPA 70 E guidelines and training. Including understanding, training, and selection of proper protective equipment, testing of equipment, arc fault calculation and proper labeling of equipment.

OCTOBER 1998 – JANUARY 2000: Lewis Mechanical, Pocatello, Id.

Electrical Apprentice

- Basic electrical work on awarded contract projects.
- Installation of conduit and wiring, motor control centers, power panels, and transformers, including single phase and three-phase.

SPECIAL TRAINING: Includes but not limited to:

- First Aid, CPR and AED certified
- Leadership Development graduate
- Leadership Pocatello-Chubbuck
- OSHA 30-hr safety training
- STS (Safety Trained Supervisor) certified
- NFPA 70 E (Instructor)
- NEC (National Electrical Code)
- Scaffold Safety (certified inspector)
- 3M medium and high voltage termination certification
- Baker Static and Dynamic motor testing and High Pot training
- Medium Voltage safety Trained for compliance with 70E and OSHA 1910.269
- Heat cable install, troubleshooting and Termination certification
- Thermal Imaging trained
- Locate training for underground locate of utilities.
- Boom Truck, Backhoe, Mini Excavator, Forklift, Man Lift, Trencher trained

REFERENCES:

Justin Linenbach (Idaho Power Trouble man) (208) 961-6932

Darren Howe (JR Simplot Maintenance supervisor) (208) 317-6624

Rick Himmerich (JRS Safety) (208) 241-0517

Brent Witt (E & I Technician) (208) 851-1967