



# MISSOURI VALLEY JATC

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## MOBILE TRAINING SERVICES

### POWERLINE SAFETY SPECIALIST COURSE



# OUR MISSION

EDUCATING SAFETY PROFESSIONALS NATIONWIDE WITH A ONE-OF-A-KIND, IMMERSIVE WEEK-LONG TRAINING. BUILD SITUATIONAL AWARENESS, SHARPEN PROBLEM SOLVING, AND STRENGTHEN THE MINDSET AND SKILLS NEEDED TO SUPPORT YOUR COMPANY'S SAFETY CULTURE.

## COURSE DETAILS

### COST

**\$3750.00**

TO BE PAID IN FULL TWO WEEKS PRIOR TO THE START OF THE COURSE.  
ONLINE RECERTIFICATION COURSE: \$295  
NO ANNUAL FEE

### COURSE CRITERIA

- CLASS CANCELLATIONS MUST BE MADE AT LEAST TWO WEEKS IN ADVANCE
- NO CALL/NO SHOW = NO REFUNDS/EXCHANGES
- MORNING REFRESHMENTS, LUNCH, AND LIGHT SNACKS INCLUDED
- CERTIFICATION EXPIRES EVERY TWO YEARS
- GRADUATES GIVEN PRIORITY FOR POWERLINE SAFETY SPECIALIST LEVEL 2 COURSE (TBD)

### PARTICIPATION CRITERIA

- ATTENDANCE REQUIRED MONDAY-FRIDAY, 8:00AM-4:30PM
- MUST PASS ALL ASSESSMENTS WITH 80% OR HIGHER
- ALL PROFICIENCIES MUST BE ATTEMPTED FOR CERTIFICATION
- MUST BE ABLE TO LIFT 50LBS
- WEIGHT LIMIT: 310LBS
- MUST BE IN GOOD HEALTH AND PHYSICALLY ABLE TO ENTER/EXIT EQUIPMENT AND DIGGER DERRICKS

**CLASSES WILL BE LIMITED TO 15 ATTENDEES.**

### BEHAVIORAL CRITERIA

- MISSOURI VALLEY HAS A ZERO TOLERANCE DRUG AND ALCOHOL POLICY
- APPRENTICESHIP SCHOOL ENVIRONMENT; BEHAVIOR MUST MEET INSTRUCTOR EXPECTATIONS
- NON-COMPLIANCE MAY RESULT IN LOSS OF COURSE FEE AND CERTIFICATION
- REPRESENT YOUR COMPANY; LEAD BY EXAMPLE ALONGSIDE APPRENTICES

**CALL TIFFANY AT (515) 669-9808 TO REGISTER.**

# TRAINING FOCUS

THE POWERLINE SAFETY SPECIALIST (PLSS) PROGRAM PROVIDES ADVANCED TRAINING AND CERTIFICATION FOR SAFETY PROFESSIONALS, PROJECT MANAGERS, AND UTILITY TEAMS. FOCUSED ON HAZARD RECOGNITION, RISK MANAGEMENT, AND EFFECTIVE COMMUNICATION, PLSS IS ESPECIALLY VALUABLE FOR THOSE WITHOUT CONSTRUCTION OR POWER DELIVERY BACKGROUNDS. THROUGH ENGAGING, HANDS-ON TRAINING, PARTICIPANTS BUILD CONFIDENCE, SHARPEN SKILLS, AND STRENGTHEN SAFETY CULTURE FOR LONG-TERM SUCCESS.

## COURSE CONTENT

### ***POWER THEORY***

THIS COURSE BUILDS A FOUNDATIONAL UNDERSTANDING OF ELECTRICITY AND HOW IT RELATES TO SAFETY. FROM GENERATION TO RESIDENTIAL DELIVERY, PLSS PARTICIPANTS LEARN HOW ELECTRICITY WORKS AND HOW IT'S DISTRIBUTED.

### ***RIGGING***

LEARN PROPER RIGGING TECHNIQUES, ESSENTIAL KNOTS, AND HOW TO MANAGE WEIGHTS AND FORCES IN THE FIELD.

### ***CLIMBING SAFETY***

TRAIN IN PROPER PPE, USE FALL PROTECTION, AND CLIMBING SAFETY. PARTICIPANTS GEAR UP, CLIMB POLES, AND PRACTICE SAFE ERGONOMICS, HAZARD AWARENESS, AND COMMUNICATION SKILLS UNDER PRESSURE.

### ***EFFECTIVE COMMUNICATION & HAZARD RECOGNITION***

LEARN PRACTICAL COMMUNICATION TOOLS TO ENGAGE WORKERS AND STRENGTHEN SAFETY CULTURE. THE SESSION CONCLUDES WITH A FOCUS ON HAZARD RECOGNITION.

# COURSE CONTENT

## ***FIELD CIRCUITRY***

BUILD ON EARLIER SESSIONS WITH KEY CIRCUITRY SCENARIOS TIED TO REAL-WORLD ACCIDENTS. CONCEPTS LIKE SERIES AND PARALLEL CIRCUITS ENHANCE FIELD AWARENESS AND SAFETY DURING DAILY TASKS.

## ***INSULATE/ISOLATE QUALIFIED OBSERVATION***

COVERS INDUSTRY STANDARDS, PROCEDURES, AND FIELD APPLICATIONS FOR ENERGIZED WORK. SAFETY PROFESSIONALS LEARN THE ROLE OF A QUALIFIED OBSERVER AND HOW TO ENGAGE DURING POWERLINE WORK, REINFORCED THROUGH ONGOING S.O.T.S.

## ***EPZ***

GAIN HANDS-ON TRAINING IN EQUAL POTENTIAL GROUNDING AND BONDING, INCLUDING BUILDING AN EPZ ZONE.

## ***SOT WORK***

LEARNERS WILL CONDUCT ACTIVE FIELD OBSERVATION TOURS.

## ***PRESENTATIONS***

PARTICIPANTS BUILD AND PRESENT PROJECTS TO ENHANCE LEARNING. TRAINERS EVALUATE AND PEERS PROVIDE FEEDBACK, IMPROVING SKILLS FOR JOB BRIEFINGS, SAFETY MEETINGS, AND SAFETY TRAINING PRESENTATIONS.

## ***CLIMBING SAFETY***

WORK WITH EXPERTS TO UNDERSTAND HOW TRANSFORMERS, CAPACITORS, AND REGULATORS FUNCTION IN THE SYSTEM. USING INSTRUMENTATION AND LAB DEMONSTRATIONS, PARTICIPANTS EXPLORE DISTRIBUTION TASKS, EQUIPMENT HAZARDS, AND RESIDENTIAL SERVICE SAFETY.

## ***HOT LAB***

IN THE FINAL SESSION, PARTICIPANTS USE RUBBER GLOVES AND SLEEVES TO COMPLETE SIMULATED ENERGIZED TASKS IN THE HOT LAB. TRAINING CONCLUDES WITH APPLICATION, ASSESSMENT, AND DEBRIEF.

## ***URD WORK***

IF TIME ALLOWS, PARTICIPANTS REVIEW URD HAZARDS, INCLUDING CABLE IDENTIFICATION, BACK-FEED, AND SINGLE- AND THREE-PHASE O/H TO URD SYSTEMS.

## ***UTILITY EQUIPMENT***

HANDS-ON TRAINING WITH UTILITY EQUIPMENT, INCLUDING SAFE LIFTING, RIGGING, AND DIGGER DERRICK OPERATION. VORTEX SIMULATORS MAXIMIZE SEAT TIME, WITH POSSIBLE ACCESS TO ADDITIONAL EQUIPMENT. PARTICIPANTS PRACTICE TYPICAL LINEMAN TASKS IN A SAFE, TEAM-BASED SETTING.

## ***COURSE REVIEW & QUIZ***

LEARNERS WILL REVIEW AND THEN TAKE A 100-QUESTION TEST BASED ON EVERYTHING LEARNED THROUGHOUT THE WEEK.



# VENUE

## MISSOURI VALLEY LINE CONSTRUCTORS

1600 E IOWA AVE, INDIANOLA, IOWA 50125  
(515) 961-5062



# LODGING

## FAIRFIELD BY MARRIOTT INN & SUITES NORWALK

2100 HUGHES DR, NORWALK, IA 50211  
(515) 591-5600



# TRAVEL

## DES MOINES INTERNATIONAL AIRPORT

5800 FLEUR DR, DES MOINES, IOWA 50321

SUCCESSFUL COMPLETION OF THIS COURSE AWARDS THE TITLE:

### **MISSOURI VALLEY JATC: CERTIFIED POWERLINE SAFETY SPECIALIST (P.L.S.S.)**

THE POWERLINE SAFETY SPECIALIST CERTIFICATION ADDS PROFESSIONAL VALUE AND CAN BE USED ON BIDS, BUSINESS CARDS, AND RESUMES.

THE CERTIFICATION IS VALID FOR TWO YEARS, WITH RECERTIFICATION REQUIRED THROUGH THE ONLINE RERESHER COURSE (\$295). ADDITIONAL COURSES, SUCH AS SAFETY SPECIALIST LEVEL 2, MAY COUNT TOWARD RECERTIFICATION AT A LATER DATE.