National Electric Code
Clear Workspace Requirements

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PURPOSE OF PRESENTATION

• LEARN TO CALCULATE WORKSPACE
PURPOSE OF PRESENTATION

- LEARN TO CALCULATE WORKSPACE
- COMPLETE TEST AT END OF PRESENTATION
PURPOSE OF PRESENTATION

• LEARN TO CALCULATE WORKSPACE
• COMPLETE TEST AT END OF PRESENTATION
PURPOSE OF PRESENTATION

- AWARENESS THAT ELECTRICAL WORKSPACE IS A CODE REQUIREMENT
PURPOSE OF PRESENTATION

- AWARENESS THAT ELECTRICAL WORKSPACE IS A CODE REQUIREMENT
- GENERAL IDEA OF WORKSPACE DIMENSIONS
PURPOSE OF PRESENTATION

• AWARENESS THAT ELECTRICAL WORKSPACE IS A CODE REQUIREMENT
• GENERAL IDEA OF WORKSPACE DIMENSIONS
• RESULT - FEWER PROBLEMS IN CONSTRUCTION
GOOD WORKSPACE
CODE VIOLATION
THE NATIONAL ELECTRIC CODE
THE NATIONAL ELECTRIC CODE

• NEC
THE NATIONAL ELECTRIC CODE

- NEC
- ADOPTED BY THE LOUISIANA LEGISLATURE AS LAW
THE NATIONAL ELECTRIC CODE

- NEC
- ADOPTED BY THE LOUISIANA LEGISLATURE AS LAW
- NOT A DESIGN MANUAL
THE NATIONAL ELECTRIC CODE

- NEC
- ADOPTED BY THE LOUISIANA LEGISLATURE AS LAW
- NOT A DESIGN MANUAL
- IS A MINIMUM STANDARD
NEC
Article 110.26
WORKING SPACE SHALL BE PROVIDED AND MAINTAINED ABOUT ALL ELECTRIC EQUIPMENT LIKELY TO REQUIRE WHILE ENERGIZED:
WORKING SPACE SHALL BE PROVIDED AND MAINTAINED ABOUT ALL ELECTRIC EQUIPMENT LIKELY TO REQUIRE WHILE ENERGIZED:

- EXAMINATION
WORKING SPACE SHALL BE PROVIDED AND MAINTAINED ABOUT ALL ELECTRIC EQUIPMENT LIKELY TO REQUIRE WHILE ENERGIZED:

- EXAMINATION
- ADJUSTMENT
WORKING SPACE SHALL BE PROVIDED AND MAINTAINED ABOUT ALL ELECTRIC EQUIPMENT LIKELY TO REQUIRE WHILE ENERGIZED:

• EXAMINATION
• ADJUSTMENT
• SERVICING
WORKING SPACE SHALL BE PROVIDED AND MAINTAINED ABOUT ALL ELECTRIC EQUIPMENT LIKELY TO REQUIRE WHILE ENERGIZED:

- EXAMINATION
- ADJUSTMENT
- SERVICING
- MAINTENANCE
OSHA
29 CFR
1910.333
WORKSPACE DIMENSIONS

- DEPTH
- WIDTH
- HEIGHT
WORKSPACE DIMENSIONS

- DEPTH:
  - VOLTAGE TO GROUND AND SURROUNDING MATERIALS
WORKSPACE DIMENSIONS

- DEPTH:
  - VOLTAGE TO GROUND AND SURROUNDING MATERIALS
  - CONSULT YOUR ELECTRICAL ENGINEER
WORKSPACE DIMENSIONS

- DEPTH:
  - VOLTAGE TO GROUND AND SURROUNDING MATERIALS
  - CONSULT YOUR ELECTRICAL ENGINEER
  - TYPICAL VOLTAGE TO GROUND:
    - 0 TO 150 ------- 36"
    - 151 TO 600 ------- 42"
WORKSPACE DIMENSIONS

• WIDTH:
  • THE WIDTH OF THE EQUIPMENT
WORKSPACE DIMENSIONS

- WIDTH:
  - THE WIDTH OF THE EQUIPMENT
  - 30 INCHES

WHICHEVER IS GREATER
WORKSPACE DIMENSIONS

- HEIGHT: 6.5 FEET
WORKSPACE DIMENSIONS

- HEIGHT:
  - 6.5 FEET
  - HEIGHT OF EQUIPMENT IF GREATER THAN 6.5 FEET
WORKSPACE DIMENSIONS

- DEPTH: 42”
- WIDTH: 30” / EQUIPMENT WIDTH
- HEIGHT: 6.5’
Raised platform was added over entire workspace.
Clear workspace.
ELECTRICAL WORKSPACE

CONCLUSION

• ELECTRICAL WORKSPACE IS A CODE REQUIREMENT
• WORKSPACE HAS DEPTH, WIDTH, AND HEIGHT
• FEWER PROBLEMS IN CONSTRUCTION
Thank You!

and

Congratulations to the LSU Football Team!

Cotton Bowl Champions!