



GREENLEE®



INSULATION AND GROUND ROD RESISTANCE TESTING

NC3 and Greenlee help shape tomorrow's workforce through certification programs, industry supported curriculum and hands-on training. During this course, you will gain the knowledge of applications and hands-on experience using a digital megohmmeter and clamp-on style ground rod resistance tester.

Students who receive NC3's Insulation and Ground Rod Resistance Testing certification will:

- ◆ Understand the applications and operation of insulation resistance and ground rod resistance testers
- ◆ Measure insulation resistance on conductors, transformers and motor windings
- ◆ Measure ground rod resistance with a clamp-on style ground rod resistance tester
- ◆ Interpret category ratings for meters and test leads
- ◆ Apply electrical principles and laws to calculate resistance
- ◆ Understand the importance of electrical safety guidelines and PPE best practices

COURSE CONTENTS INCLUDE:



- ◆ Operations and functions on the 5882A Megohmmeter & CMGRT-100A Clamp-On Ground Resistance Tester
- ◆ Understanding the importance and safety ratings for meters and test leads
- ◆ Common applications for megohmmeters and ground rod resistance testers
- ◆ Insulation resistance and ground rod resistance lab exercises
- ◆ Online testing

NC3 CERTIFICATION

Receive an industry-validated NC3 certificate as proof of skills achievement that can offer enhanced employment potential and higher productivity on the job, in industries such as:

- ◆ Electrical Power Industry
- ◆ Industrial Manufacturing
- ◆ Building Trades

ADDITIONAL GREENLEE CERTIFICATIONS:

- ◆ Basic Bending
- ◆ Advanced Bending
- ◆ Fishing Conduits and Raceways
- ◆ Cable Pulling
- ◆ Wire Pathways
- ◆ Wire Termination
- ◆ 3 Phase Sequencing and Motor Rotation



Greenlee is a proud partner of the National Coalition of Certification Centers. Greenlee Certifications are developed and administered by NC3 (National Coalition of Certification Centers) and are compatible with other industry recognized certifications. For more information, contact NC3 at nc3.net.