

ULPA YEAR 4 APPRENTICESHIP PROGRAM OVERVIEW

Lessons
NFPA 780 Chapters 6-12
UL 96A Sections 16-26
Design of Basic Lightning Protection Systems
Job Coordination
Roof Coordination

General Experience/Training Sign-Offs
Company Safety
Ground Resistance Testing
On-site Safety Meetings

Installation Experience Sign-Offs
Installation of Ground Rods/Plates/Fans
Installation of Concealed Downleads
Installation of Exposed Downleads
Installation of Common Bonding
Installation of Concealed Roof Circuit
Installation of Concealed Air Terminals
Installation on Chimneys
Marking Roof for Roof Pads/Pavers/Strips
Installation of Rebar Bonding
Installation of Ground Wells
Exothermic Welding

Installation Experience Continued
Installation of Ground Counterpoise
Installation of Roof Circuit
Installation of Secondary Bonding
Remove Exposed Lightning Protection
Reinstall Exposed Lightning Protection
Excavation for Ground Counterpoise
Perform Ground Testing
Grounding