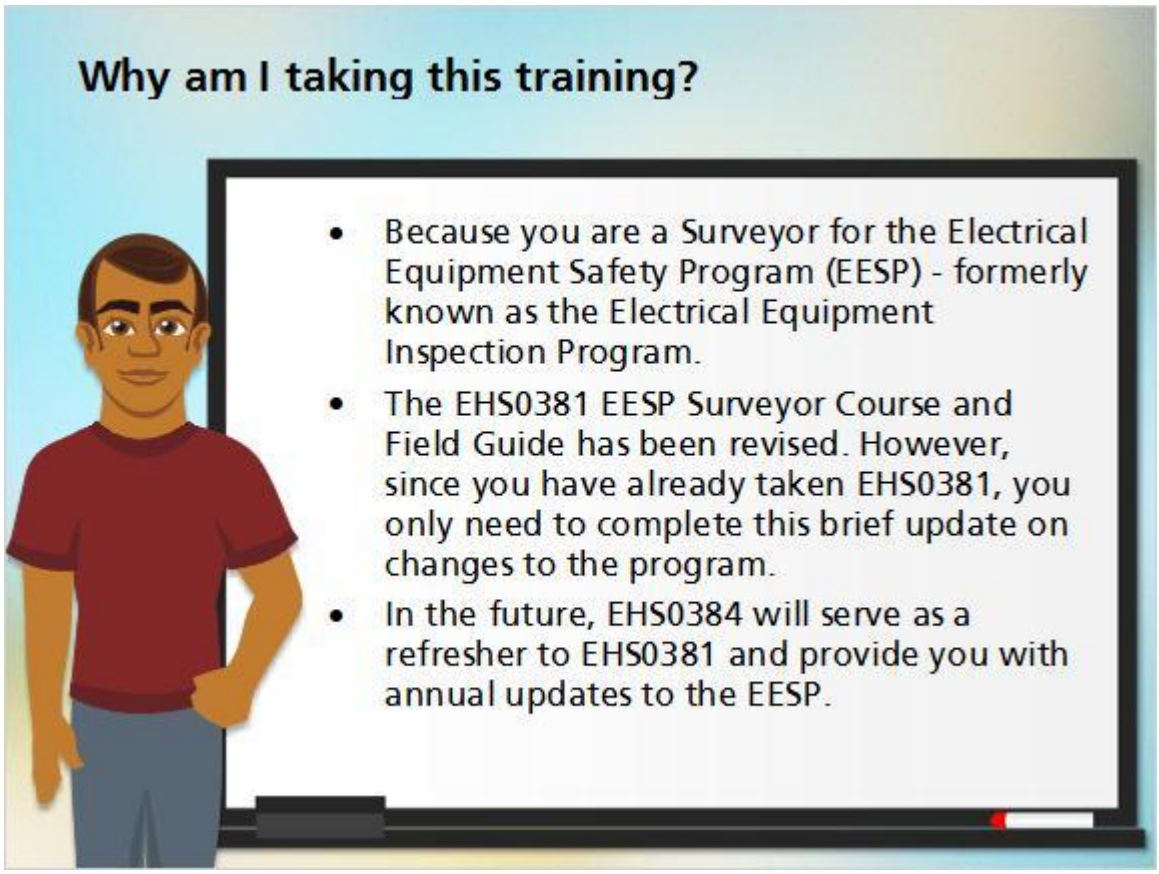
EHS 0384 Electrical Equipment Safety Program-
2013 Update for Surveyors

2.1 Start Course

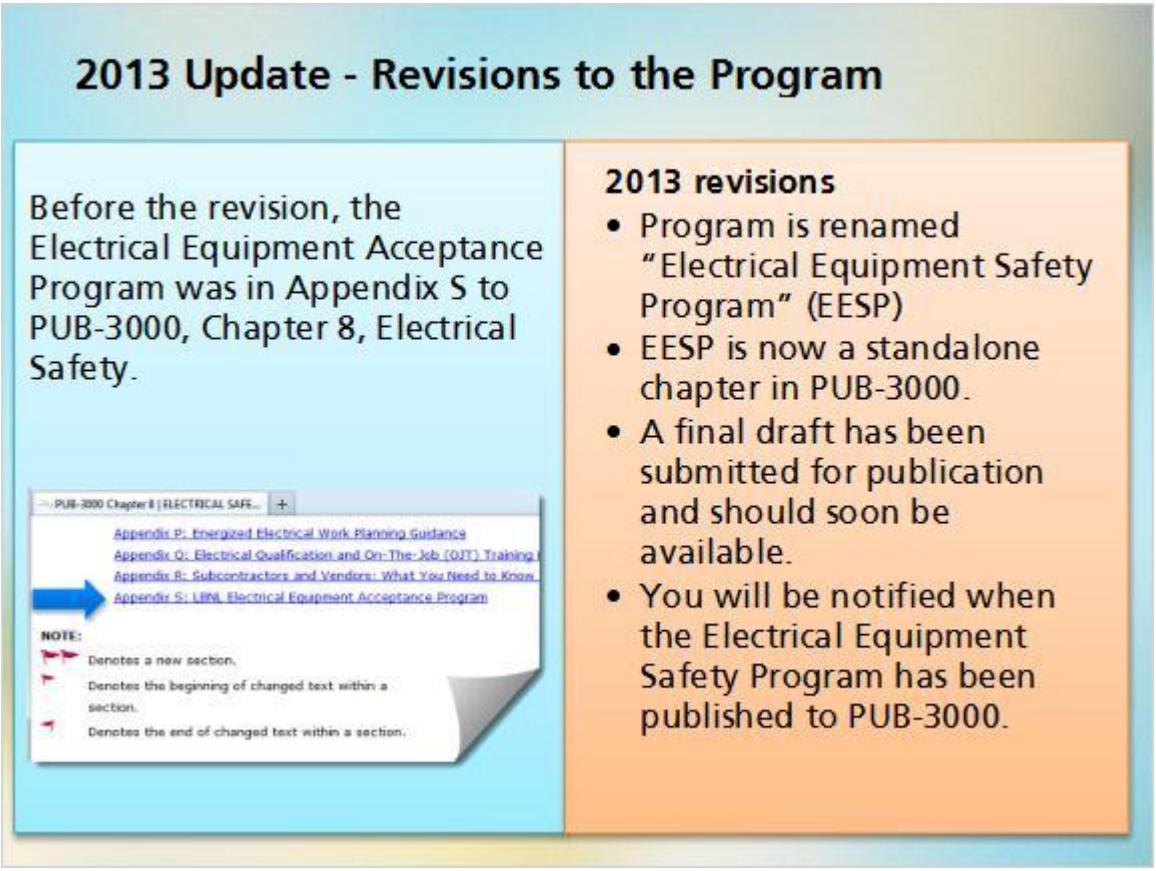
2.2 How to Navigate

2.3 Why take this training?

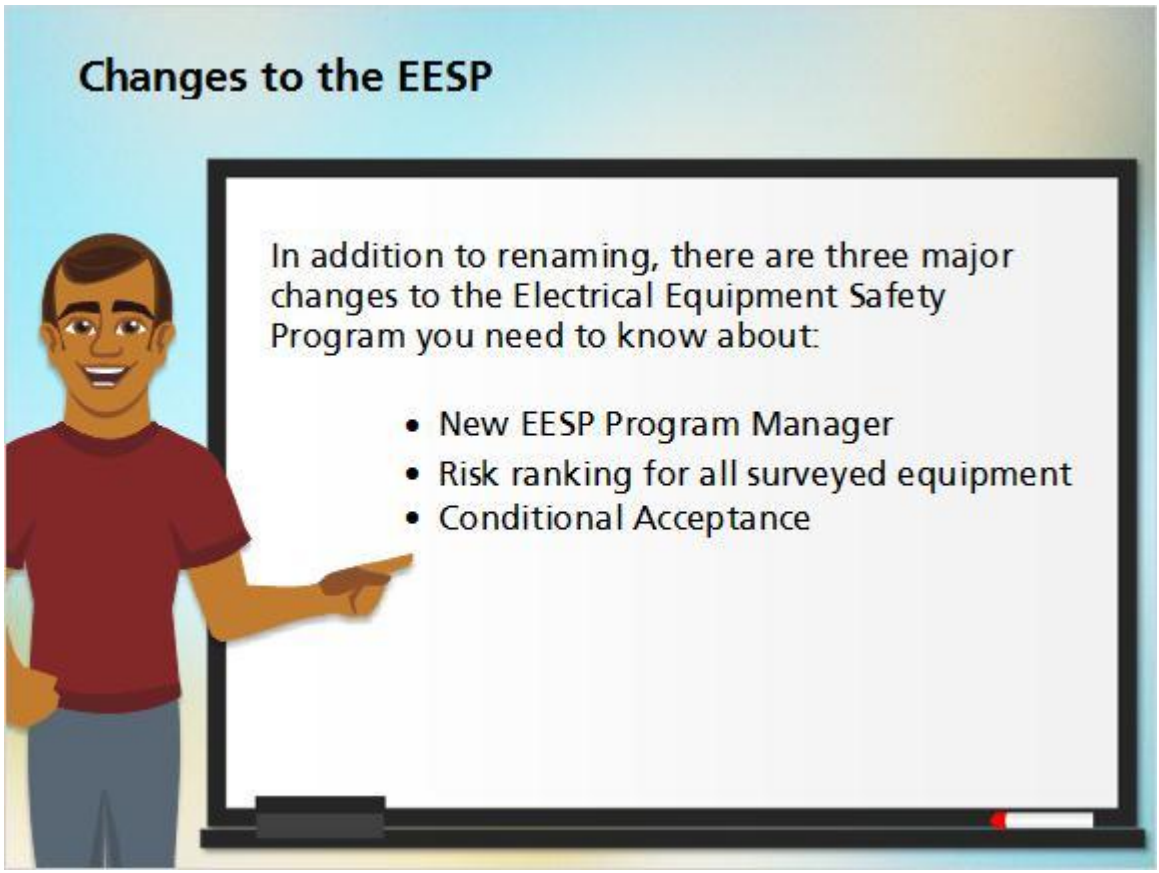


2.4 Important!

2.5 Program Revisions

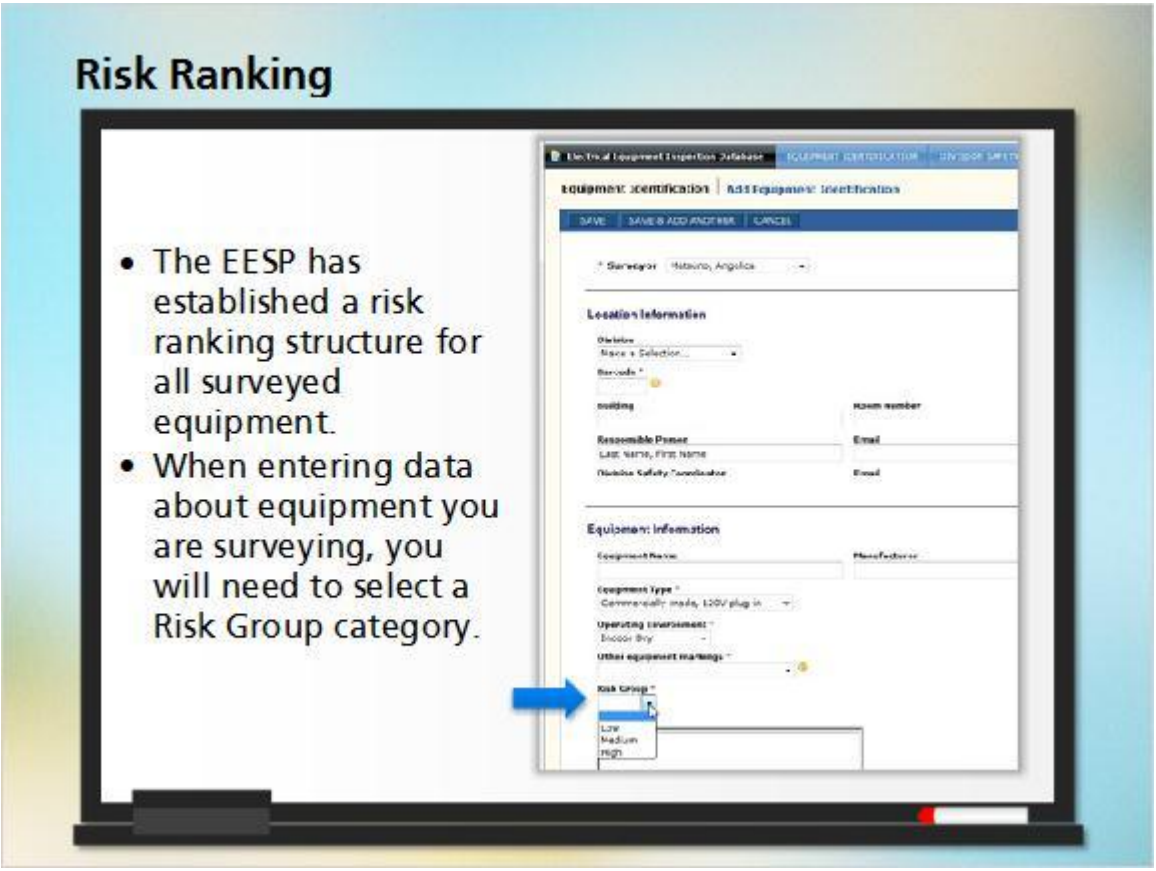


2.6 3 Changes to EESP



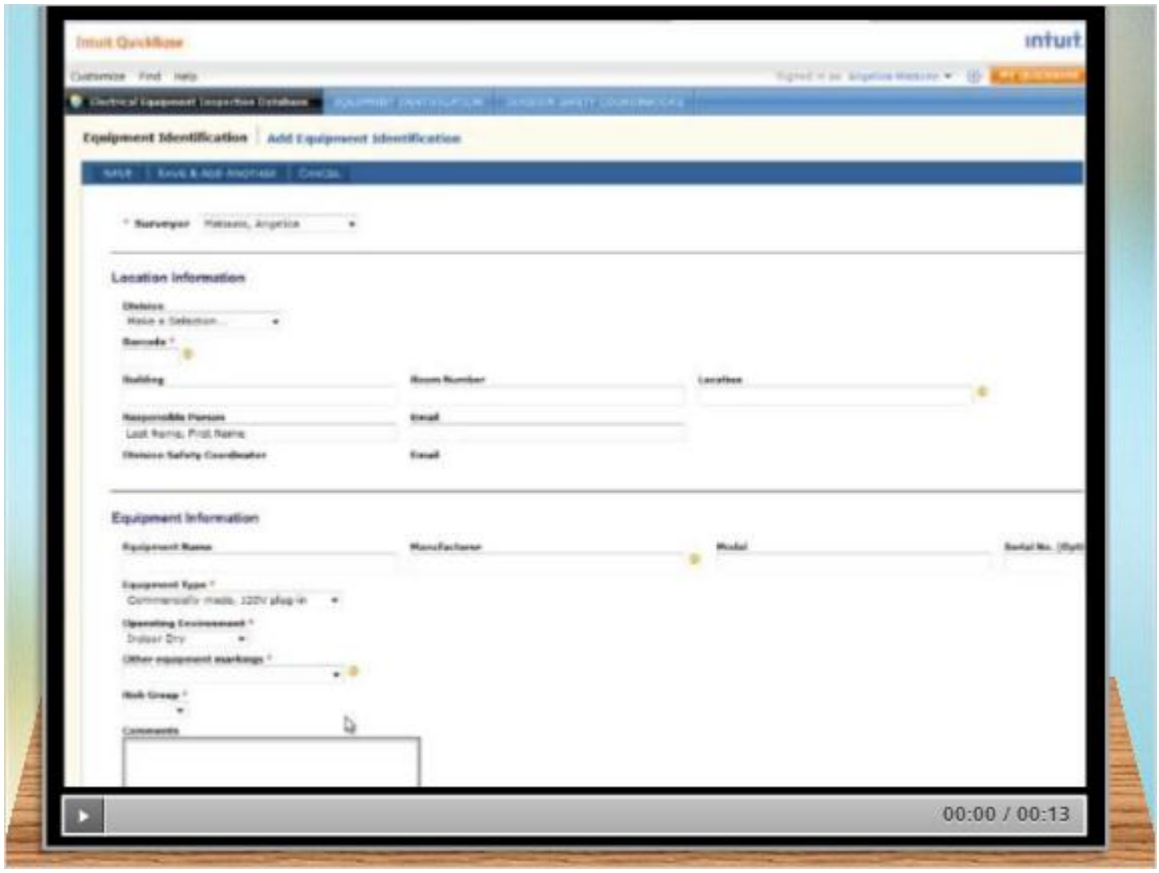
2.7 New Program Manager

2.8 Risk Ranking



2.9 Risk Ranking Demo

(Demo Layer)


Equipment Identification
Add Equipment Identification
Location Information
Equipment Information
00:00 / 00:13

2.10 Risk Ranking Table

Risk Ranking

This table will help you determine the proper Risk Group. We'll give you a link to this table later. Click the buttons for details.

Risk Group	Description	Explanation / Example
Low	120 VAC equipment built to CE or similar foreign standard	This includes 120 VAC CE equipment as well as any equipment where the manufacturer claims to have followed a recognized design standard but did not obtain the NRTL listed for the device.
	Any CSA equipment that is not also CSA-US	CSA-listed equipment is considered NRTL only if the CSA certification logo includes a "US" or "NRTL" next to the logo. Otherwise, the product is only certified to a Canadian standard.
	Equipment identical to equipment already inspected (same make & model)	The Electrical Equipment Inspection Database contains numerous entries where equipment has already been inspected and found acceptable.
	Equipment from designated reputable manufacturers	These manufacturers have an established track record among DOE laboratories for providing safe designs. Refer to the list of Reputable Manufacturers found in Appendix D of the EESP.
Medium	>208 VAC equipment built to CE or similar foreign standard	Foreign voltage systems typically operate at 220 VAC, phase-to-neutral. At LBNL, the 208 VAC voltage distribution system is phase-to-phase. Equipment in this category must be inspected for proper fusing on both phases prior to putting into operation.
High	All other non-NRTL equipment	This primarily includes custom-built and Lab-built equipment, as well as commercial equipment for which the manufacturer did not follow a standard.

2.11 Low Risk

Risk Group - LOW	
Description	**Explanation / Example**
120 VAC equipment built to CE or similar foreign standard	This includes 120 VAC CE equipment as well as any equipment where the manufacturer claims to have followed a recognized design standard but did not obtain the NRTL listed for the device.
Any CSA equipment that is not also CSA-US	CSA-listed equipment is considered NRTL only if the CSA certification logo includes a "US" or "NRTL" next to the logo. Otherwise, the product is only certified to a Canadian standard.
Equipment identical to equipment already inspected (same make & model)	The Electrical Equipment Inspection Database contains numerous entries where equipment has already been inspected and found acceptable.
Equipment from designated reputable manufacturers	These manufacturers have an established track record among DOE laboratories for providing safe designs. Refer to the list of Reputable Manufacturers found in Appendix D of the EESP.

2.15 Medium Risk

Risk Group - MEDIUM

>208 VAC equipment built to CE or similar foreign standard	Foreign voltage systems typically operate at 220 VAC, phase-to-neutral. At LBNL, the 208 VAC voltage distribution system is phase-to-phase. Equipment in this category must be inspected for proper fusing on both phases prior to putting into operation.

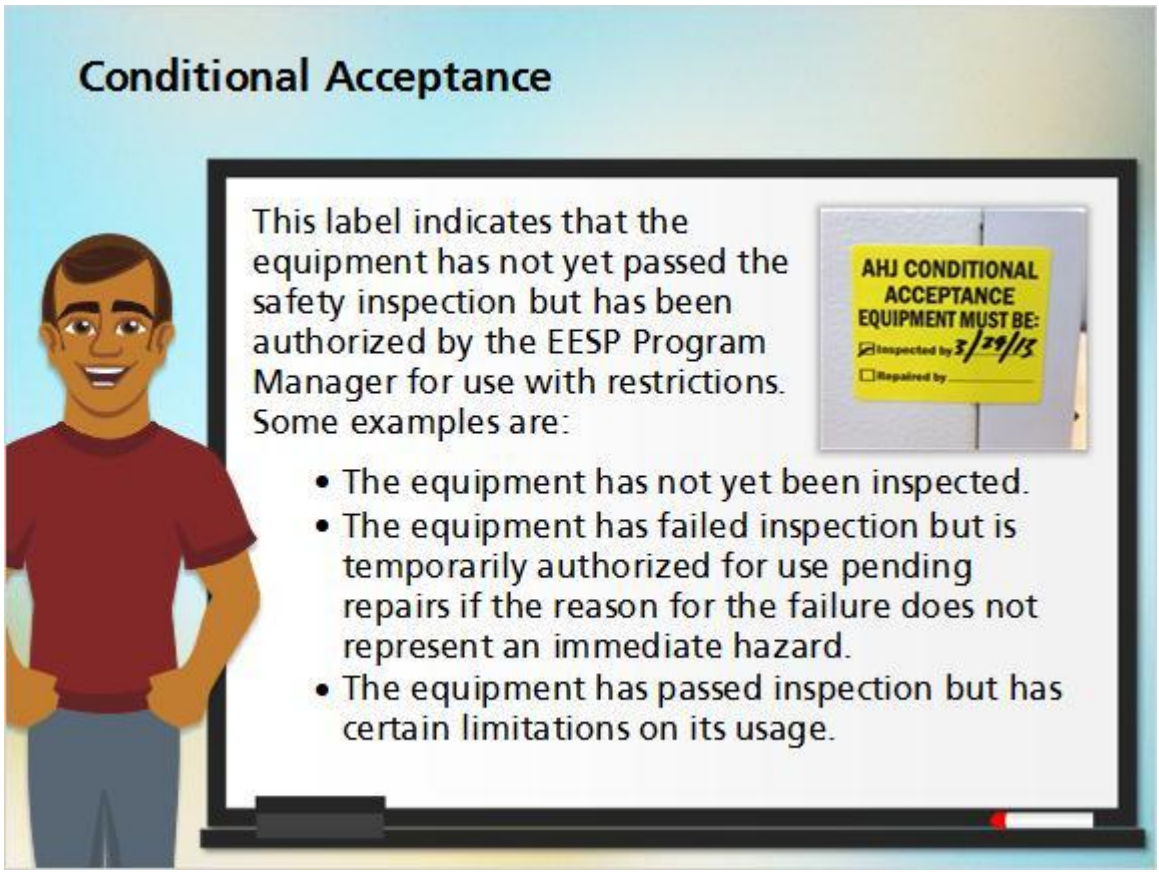
2.16 High Risk

Risk Group - HIGH

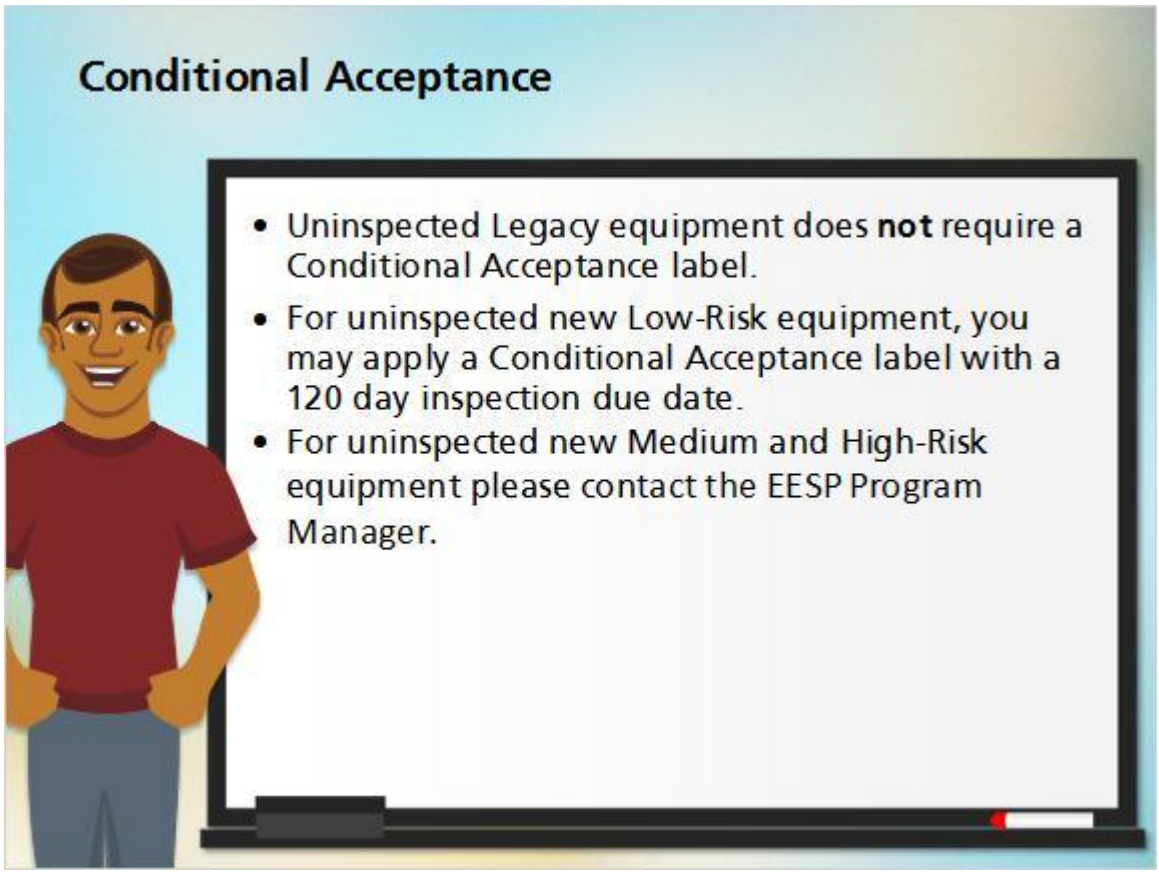
All other non-NRTL equipment	This primarily includes custom-built and Lab-built equipment, as well as commercial equipment for which the manufacturer did not follow a standard.

2.17 Conditional Acceptance

2.18 Conditional Acceptance Label



2.19 When to use Label



2.20 Conditional Acceptance Table

Conditional Acceptance

This table will help you determine when to use a Conditional Acceptance label:

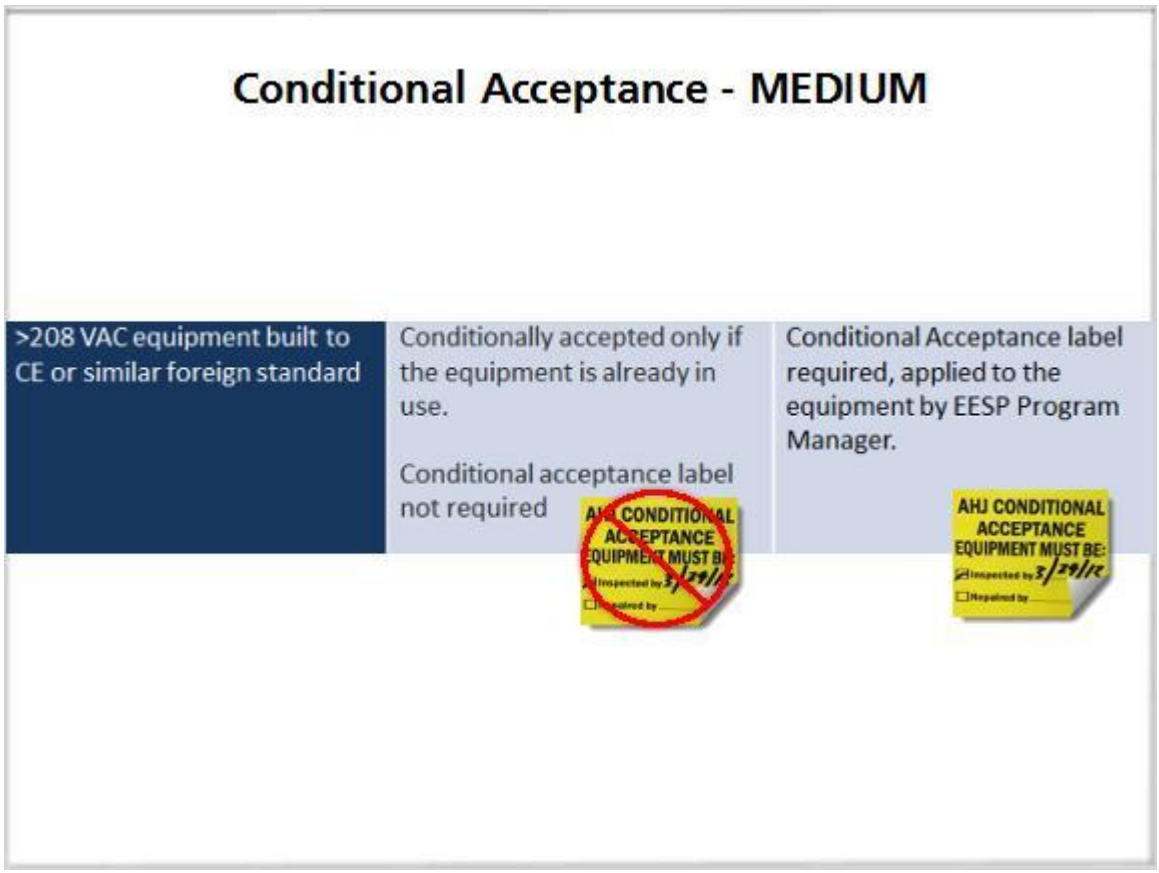
Risk Group	Description	Legacy Equipment	New Equipment
Low	120 VAC equipment built to CE or similar foreign standard	Conditionally Accepted Conditional acceptance label not required	Conditionally accepted for 120 days. Conditional Acceptance label required, applied to the equipment by the Surveyor.
	Any CSA equipment that is not also CSA-US		
	Equipment identical to equipment already inspected (same make & model)		
	Equipment from designated reputable manufacturers		
Medium	>208 VAC equipment built to CE or similar foreign standard	Conditionally accepted only if the equipment is already in use. Conditional acceptance label not required	Conditional Acceptance label required, applied to the equipment by EESP Program Manager.
High	All other non-NRTL equipment		

2.12 Low CA

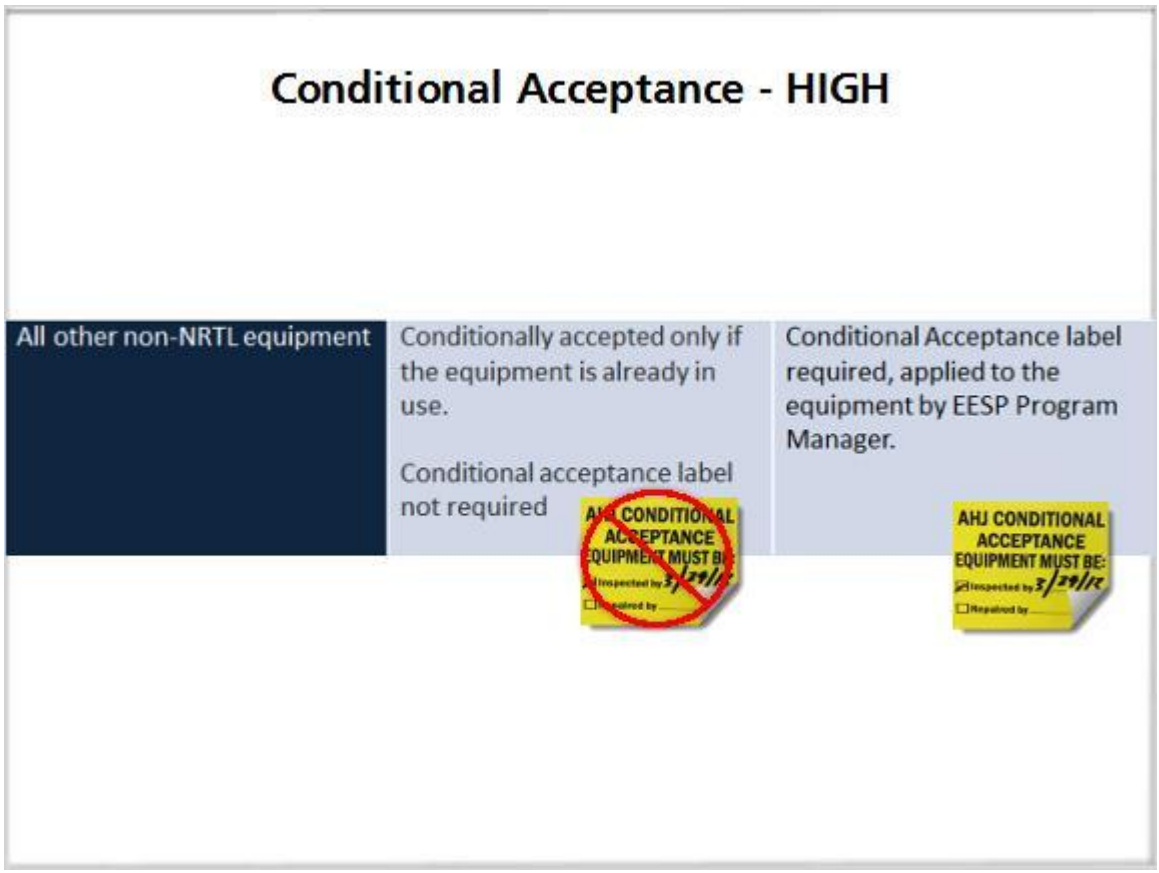
Conditional Acceptance - LOW

Description	Legacy Equipment	New Equipment
120 VAC equipment built to CE or similar foreign standard	Conditionally Accepted Conditional acceptance label not required	Conditionally accepted for 120 days. Conditional Acceptance label required, applied to the equipment by the Surveyor.
Any CSA equipment that is not also CSA-US		
Equipment identical to equipment already inspected (same make & model)		
Equipment from designated reputable manufacturers		

2.13 Medium CA

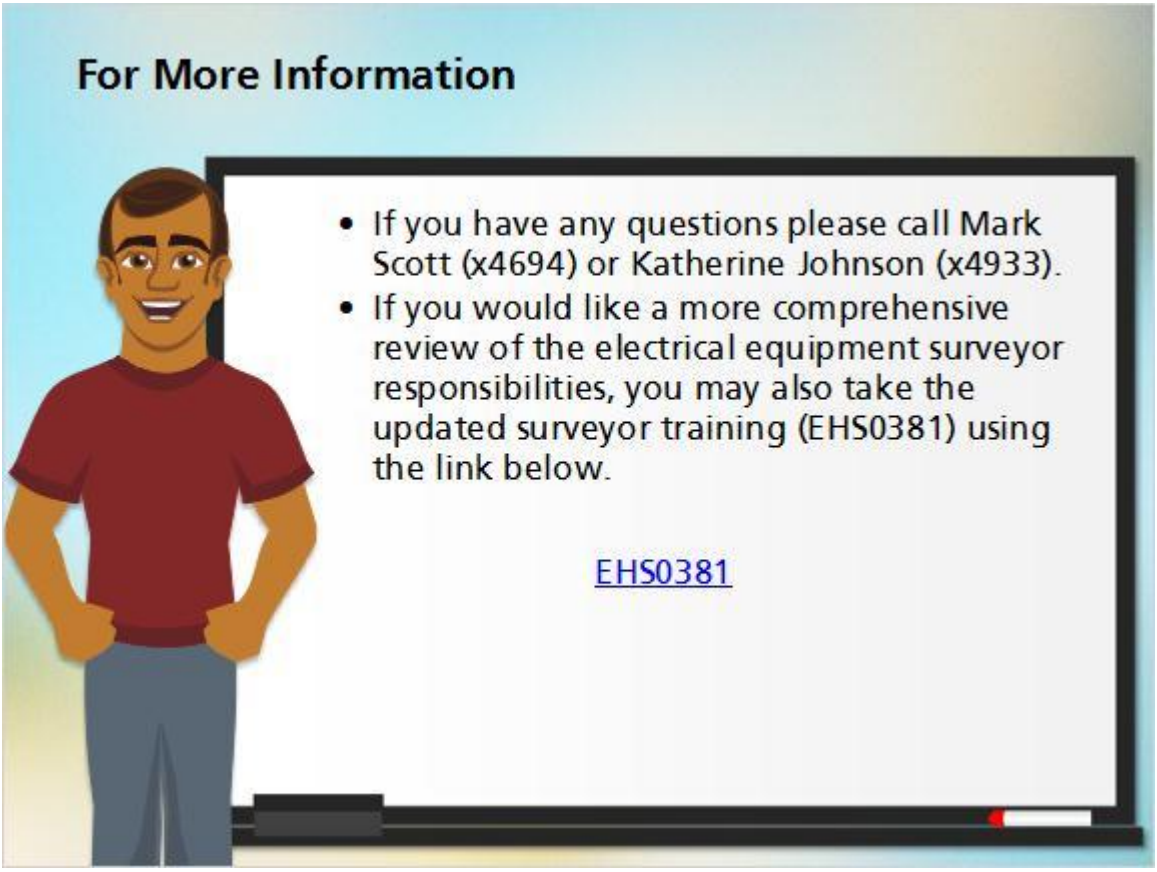


2.14 High CA

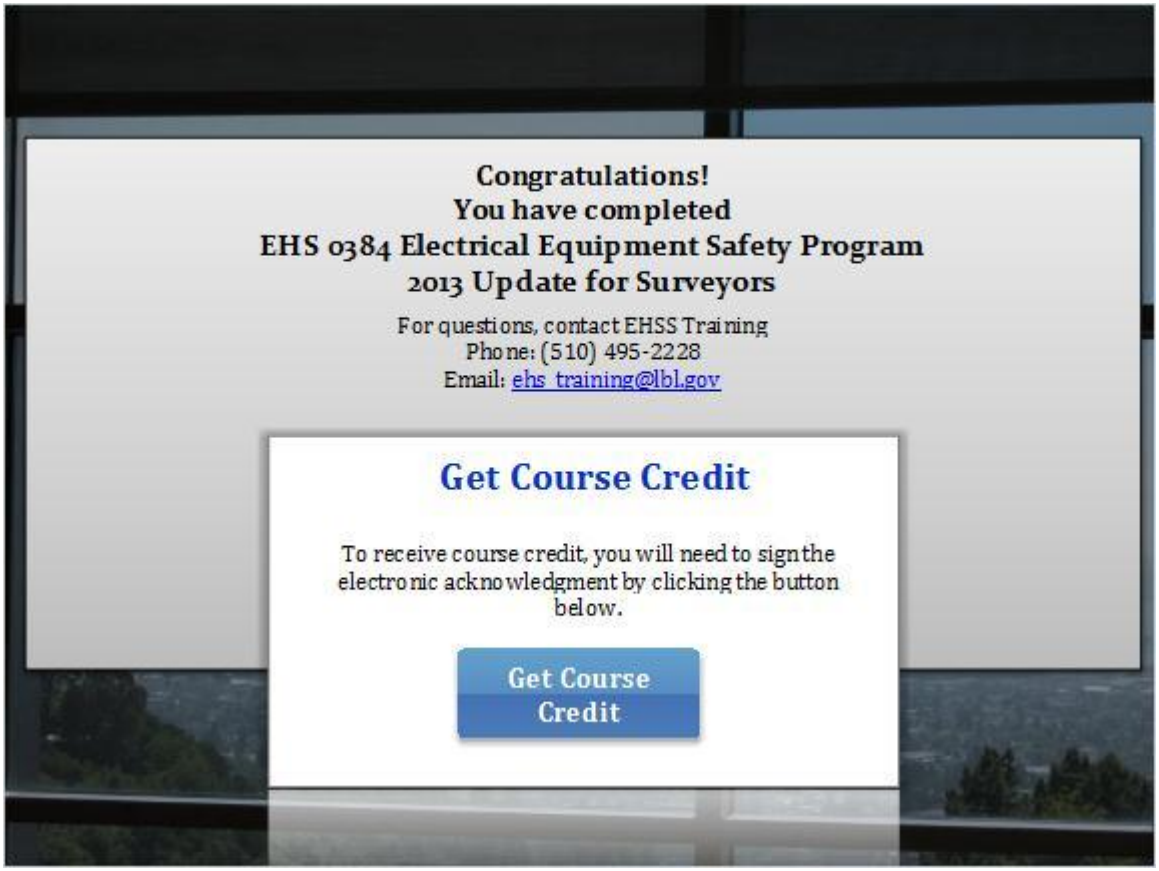

Conditional Acceptance - HIGH
All other non-NRTL equipment
Conditionally accepted only if the equipment is already in use.
Conditional acceptance label not required
Conditional Acceptance label required, applied to the equipment by EESP Program Manager.
AHJ CONDITIONAL ACCEPTANCE EQUIPMENT MUST BE:

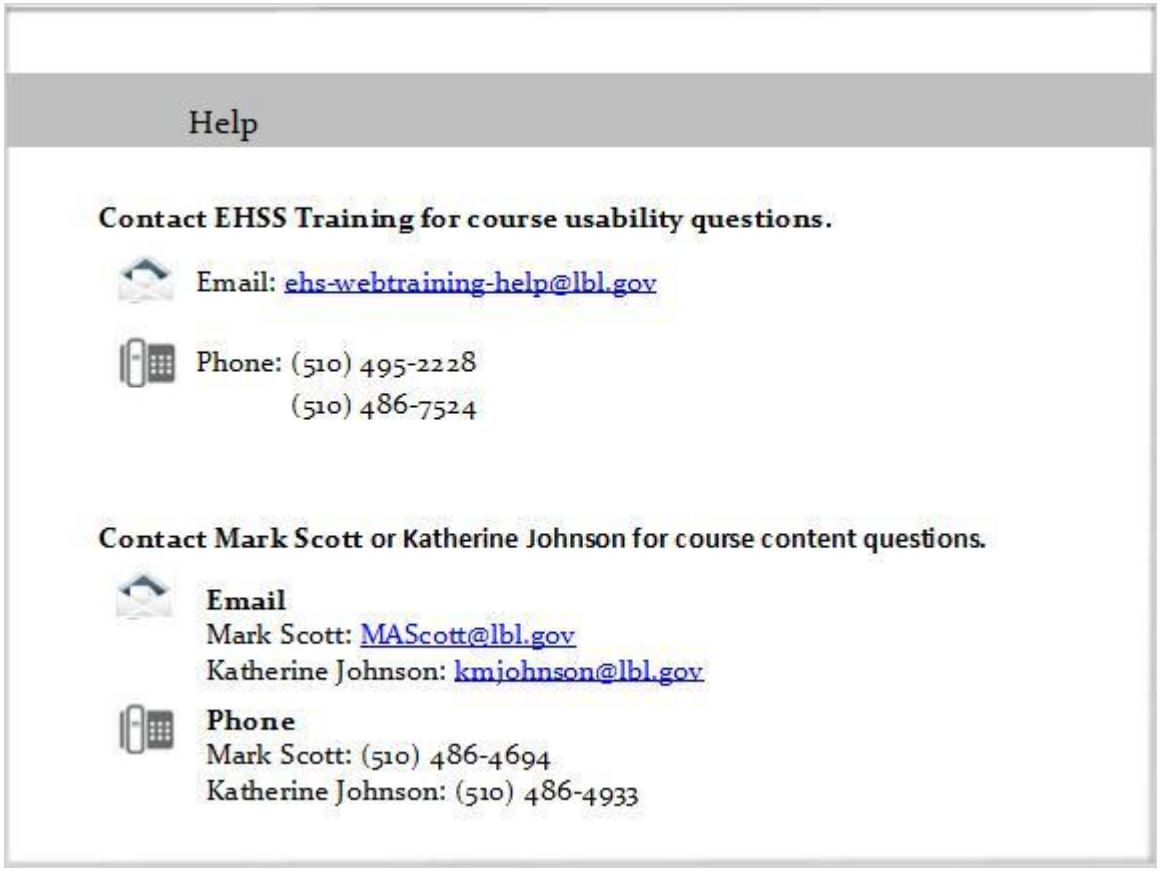
2.21 Downloadable PDF of Tables

2.22 For More Information



2.23 Get Course Credit



1. Help

1.1 Help