

Revision Map

Title:	Pipeline Electrical and Instrumentation (Level 1)							
Edition:	3rd							
Pub Date:	2017							
Add. Instructor Require.:								
Prerequisite:	Core & Introduction to the Pipeline Industry							
Previous Edition Exp. Date:								
Book Module #	1st/2nd Edition Module ID #	3rd Edition Module ID #	Equivalent Registry Module(s)	Performance Test	1st/2nd Edition Hours	3rd Edition Hours	Mod Name	Comments
1	64102-02	64102-02	64102-02	No	15	15	Pipeline E&I Safety	Volume 1
2	64103-02	64103-02	64103-02	No	40	40	Trade Math	Volume 1
3	64104-02	64104-02	64104-02	Yes	40	40	Electrical Theory	Volume 1
4	64105-02	64105-02	64105-02	Yes	15	15	Tools of the Trade	Volume 1
5	64107-02	64107-02	64107-02	Yes	30	30	Pipeline E&I Drawings	Volume 1
6	64108-02	64108-02	64108-02	Yes	7.5	7.5	Understanding the <i>National Electrical Code</i> ®	Volume 1
7	64109-02	64109-02	64109-02	Yes	40	40	Fasteners and Anchors	Volume 1
8	64201-02	64201-02	64201-02	Yes	40	40	Electrical Installations in Classified Areas	Volume 1
9	64202-02	64202-02	64202-02	Yes	15	15	Use of Meters and Test Equipment	Volume 1
10	64203-02	64203-02	64203-02	Yes	30	30	Grounding	Volume 1
11	64204-02	64204-02	64204-02	Yes	40	40	Process Control Theory	Volume 2
12	64205-02	64205-02	64205-02	Yes	15	15	Supervisory Control Systems	Volume 2
13	64301-02	64301-02	64301-02	Yes	25	25	Transformers	Volume 2
14	64302-02	64302-02	64302-02	Yes	25	25	Switchgear and MCCs	Volume 2
15	64303-02	64303-02	64303-02	Yes	25	25	Low-Voltage and Standby Power	Volume 2
16	64304-02	64304-02	64304-02	Yes	25	25	Power Quality	Volume 2
17	64305-02	64305-02	64305-02	Yes	32.5	32.5	Prime Movers	Volume 2
18	64306-02	64306-02	64306-02	Yes	22.5	22.5	Facility Auxiliary Systems	Volume 2
19	64307-02	64307-02	64307-02	Yes	30	30	SCADA	Volume 2
					Total Hours	512.5	Volume 1 Hours = 272.5 Volume 2 Hours = 240	

Color Highlight Legend

	= Lock-Down Module		= No Performance Test
	= New Module		= Equivalent Module
			= Deleted
			= Interim Credential

Definitions:

Lock-Down Module: A module adopted 'as is' from another craft or an earlier edition of the same curriculum.

Equivalent Module: A module whose learning and performance outcomes match those of the newer edition's and is therefore considered 'equivalent' in NCCER's Registry.

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Revision Map

Title:	Pipeline Electrical and Instrumentation (Level 2)							
Edition:	3rd							
Pub Date:	2017							
Add. Instructor Require.:								
Prerequisite:								
Previous Edition Exp. Date:								
Book Module #	1st/2nd Edition Module ID #	3rd Edition Module ID #	Equivalent Registry Module(s)	Performance Test	1st/2nd Edition Hours	3rd Edition Hours	Mod Name	Comments
1	New	AOCCC-17	---	No	---	5	Abnormal Operating Conditions - Control Center	
2	New	AOCFG-17	---	No	---	5	Abnormal Operating Conditions - Field and Gas	
3	New	CT25_1-17	---	Yes	---	7.5	Inspect, Test and Calibrate Pressure Switches	
4	New	CT25_2-17	---	Yes	---	7.5	Inspect, Test and Calibrate Pressure Transmitters	
5	New	CT26_0-17	---	Yes	---	15	Verify or Set Protection Parameters for Programmable Controllers and/or Other Instrumentation Control Loops	
6	New	CT30_0-17	---	Yes	---	5	Test Overfill Protective Devices	
7	New	CT31_0-17	---	Yes	---	7.5	Inspect and Calibrate Overfill Protective Devices	
8	New	CT44_3-17	---	Yes	---	7.5	Inspect, Test, and Maintain Flow Computer for Hazardous Liquid Leak Detection	
9	New	CT44_4-17	---	Yes	---	7.5	Inspect, Test, and Perform Corrective and Preventative Maintenance of Tank Gauging for Hazardous Liquid Leak Detection	
10	New	CT44_5-17	---	Yes	---	7.5	Prove Flow Meters for Hazardous Liquid Leak Detection	
11	New	CT44_6-17	---	Yes	---	7.5	Maintain Flow Meters for Hazardous Liquid Leak Detection	
12	New	CT44_7-17	---	Yes	---	7.5	Inspect, Test and Maintain Gravitometers/Densitometers for Hazardous Liquid Leak Detection	
13	New	CT44_8-17	---	Yes	---	7.5	Inspection, Test and Maintain Temperature Transmitters for Hazardous Liquid Leak Detection	
14	New	CT55_0-17	---	Yes	---	25	Maintain Fixed Gas Detection Equipment	
					Total Hours	122.5		

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