

Continuing Education Registry

Plumbing Courses Approved

September 4, 2019 – October 7, 2019

Certified Training Institute

Stop Flushing Money! Estimating for Profit - Course #: 15387

Plumber Pro Hours: 2.0

Dixie Applied Technology College

HVAC - HVACR FER (fan energy training) Training - Course #: 15391

Plumber Pro Hours: 3.0

Home Builders Association of Utah

Changes to the Plumbing & Mechanical Code - Course #: 15273

Plumber Core Hours: 6.0

Home Builders Association of Utah

Changes to the NEC - Course #: 15277

Plumber Core Hours: 8.0

Salt Lake Community College

HVAC - Beyond Manual J - Course #: 15413

Plumber Pro Hours: 3.0

Uintah Basin Technical College

Contractors Continuing Education 6 hour - Course #: 15373

Plumber Core Hours: 2.0 Pro Hours: 2.0

Uintah Basin Technical College

HVAC - HVAC Contractor Continuing Education 6 hr - Course #: 15375

Plumber Core Hours: 2.0 Pro Hours: 2.0

Utah Career Center

IPC for Plumbers - Course #: 15311

Plumber Core Hours: 12.0

Utah Career Center

UMCA/LU 140 NFPA 99C Med Gas Certification - Course #: 15313

Plumber Core Hours: 12.0

Utah Career Center

UMCA/LU 140 NFPA 99C Med Gas Updates & Review - Course #: 15315

Plumber Core Hours: 12.0

Utah Mechanical Contractors Association

The Last Planner® System Workshop - Course #: 15259

Plumber Core Hours: 3.5 Pro Hours: 3.5

Utah Plumbing and Heating Contractors Association

Water Supply & Distribution - Course #: 15295

Plumber Core Hours: 3.0

Utah Plumbing and Heating Contractors Association

Sanitary & Storm Drainage System - Course #: 15297

Plumber Core Hours: 3.0

Utah Plumbing and Heating Contractors Association

General Plumbing Regulations - Course #: 15299

Plumber Core Hours: 3.0

Utah Plumbing and Heating Contractors Association

OSHA Safety Training - Course #: 15301

Plumber Pro Hours: 3.0

Utah Plumbing and Heating Contractors Association

HVAC - Changes to 2015 IMC Chapter 1-5 - Course #: 15405

Plumber Core Hours: 3.0

Utah Plumbing and Heating Contractors Association

HVAC - Changes to 2015 IMC Chapter 6-15 - Course #: 15407

Plumber Core Hours: 3.0

Workers Compensation Fund

Safety Management: Selling Safety to Top Management - Course #: 15307

Plumber Pro Hours: 1.5

Workers Compensation Fund

Fitness for Duty & Fatigue Management - Course #: 15353

Plumber Pro Hours: 1.5

UTAH DOPL - PLUMBING SCHOOL SUMMARY

Test Date : 09/04/19 - 10/07/19

Page: 1
Date: 10/07/19

Test Name : UT Journeyman Plumber Examinations

Component : UT Journeyman Plumber Theory Examination ORIGINAL

School Code	School Name	Tested	Passed	Failed	% Passed
5220	Salt Lake Community College	2	1	1	50.00
0048	Davis ATC	4	2	2	50.00
0061	Mountainland ATC	5	1	4	20.00
0044	Ogden-Weber ATC	2	0	2	0.00
9999	Other	3	0	3	0.00
		16	4	12	25.00

UTAH DOPL - PLUMBING SCHOOL SUMMARY

Test Date : 09/04/19 - 10/07/19

Page: 2
Date: 10/07/19

Test Name : UT Journeyman Plumber Examinations

Component : UT Journeyman Plumber Theory Examination RETAKE

School Code	School Name	Tested	Passed	Failed	% Passed
0048	Davis ATC	1	1	0	100.00
		1	1	0	100.00

UTAH DOPL - PLUMBING SCHOOL SUMMARY

Test Date : 09/04/19 -10/07/19

Page: 3
Date: 10/07/19

Test Name : UT Journeyman Plumber Examinations
Component : UT Plumber Practical Examination ORIGINAL

School Code	School Name	Tested	Passed	Failed	% Passed
5220	Salt Lake Community College	1	1	0	100.00
0048	Davis ATC	1	0	1	0.00
0065	Dixie ATC	1	0	1	0.00
		3	1	2	33.33

UTAH DOPL - PLUMBING SCHOOL SUMMARY

Test Date : 09/04/19 - 10/07/19

Page: 4
Date: 10/07/19

Test Name : UT Journeyman Plumber Examinations
Component : UT Plumber Practical Examination RETAKE

School Code	School Name	Tested	Passed	Failed	% Passed
5220	Salt Lake Community College	3	2	1	66.67
0048	Davis ATC	3	0	3	0.00
9999	Other	2	0	2	0.00
		8	2	6	25.00

UTAH DOPL - PLUMBING SCHOOL SUMMARY

Test Date : 09/04/19 -10/07/19

Page: 5
Date: 10/07/19

Test Name : UT Master Plumber Examinations

Component : UT Master Plumber Written Theory Examination ORIGINAL

School Code	School Name	Tested	Passed	Failed	% Passed
9999	Other	2	1	1	50.00
0066	Utah Career Center	1	1	0	100.00
		3	2	1	66.67

UTAH DOPL - PLUMBING SCHOOL SUMMARY

Test Date : 09/04/19 -10/07/19

Test Name : UT Master Plumber Examinations

Component : UT Master Plumber Written Theory Examination RETAKE

School Code	School Name	Tested	Passed	Failed	% Passed
5220	Salt Lake Community College	2	1	1	50.00
0048	Davis ATC	1	0	1	0.00
9999	Other	1	1	0	100.00
		4	2	2	50.00

UTAH DOPL - PLUMBING SCHOOL SUMMARY

Test Date : 09/04/19 -10/07/19

Test Name : UT Master Plumber Examinations
Component : UT Plumber Practical Examination RETAKE

School Code	School Name	Tested	Passed	Failed	% Passed
5220	Salt Lake Community College	1	1	0	100.00
9999	Other	3	1	2	33.33
		4	2	2	50.00

UTAH DOPL - PLUMBING SCHOOL SUMMARY

Test Date : 09/04/19 -10/07/19

Test Name : UT Residential Journeyman Plumber

Component : UT Residential Journeyman Plumber Theory Examination ORIGINAL

School Code	School Name	Tested	Passed	Failed	% Passed
0048	Davis ATC	1	1	0	100.00
0065	Dixie ATC	1	1	0	100.00
		2	2	0	100.00

UTAH DOPL - PLUMBING SCHOOL SUMMARY

Test Date : 09/04/19 -10/07/19

Test Name : UT Residential Journeyman Plumber

Component : UT Residential Journeyman Plumber Theory Examination RETAKE

School Code	School Name	Tested	Passed	Failed	% Passed
0081	Mountainland ATC	1	1	0	100.00
		1	1	0	100.00

UTAH DOPL - PLUMBING SCHOOL SUMMARY

Test Date : 09/04/19 -10/07/19

Page: 10
Date: 10/07/19

Test Name : UT Residential Journeyman Plumber

Component : UT Residential Plumber Practical Examination ORIGINAL

School Code	School Name	Tested	Passed	Failed	% Passed
0048	Davis ATC	1	1	0	100.00
		1	1	0	100.00

UTAH DOPL - PLUMBING SCHOOL SUMMARY

Test Date : 09/04/19 -10/07/19

Page: 11
Date: 10/07/19

Test Name : UT Residential Journeyman Plumber

Component : UT Residential Plumber Practical Examination RETAKE

School Code	School Name	Tested	Passed	Failed	% Passed
0048	Davis ATC	1	0	1	0.00
0065	Dixie ATC	1	0	1	0.00
0044	Ogden-Weber ATC	1	1	0	100.00
9999	Other	1	0	1	0.00
		4	1	3	25.00

UTAH DOPL - PLUMBING SCHOOL SUMMARY

Test Date : 09/04/19 -10/07/19

Page: 12
Date: 10/07/19

Test Name : UT Residential Master Plumber Examinations

Component : UT Residential Master Plumber Written Theory Examination RETAKE

School Code	School Name	Tested	Passed	Failed	% Passed
5220	Salt Lake Community College	1	1	0	100.00
		1	1	0	100.00



SUMMARY OF THE PLUMBERS PRACTICAL EXAM PROCESS REVIEW

October 2, 2019

PROCESS

On August 3, 2019, the Utah Department of Commerce, Division of Occupational and Professional Licensing began a review of the Plumbers Commercial and Residential Practical exams. The intent of the review was to discern the anatomy of the exam, review the process required to administer the exam, ensure legal defensibility and to also consider the consistency in delivery.

The review included an onsite observation of the AM session, data collection, statistical analysis and interviews. It was concluded on October 2, 2019. Summary of findings surmised the exam to be pertinent in **process** with the recommendations laid out herein.

CONTACT

WEBSITE:
www.dopl.utah.gov

EMAIL:
doplexams@utah.gov

SUBMITTED BY

Exam Coordinator
Department of Commerce
Division of Occupational and
Professional Licensing

AREAS OF INTEREST

- Compensation for Exam Administrator
- Monthly testing sessions during peak season
- Saving "Failed" projects for review
- Candidate personal information
- Video recording of sessions
- Exam failure for missing paperwork
- Exam Review of projects using Subject Matter Experts (SME's)

MODIFICATIONS

Compensation for Exam Administrator?

For 24 years, our Exam Administrator has been footing the bill for travel expenses to come in from Las Vegas every other month to administer the exam.

Monthly testing sessions during peak season

We increased the exam frequency May to August, from every other month to every month. Attendance records were high throughout.

Saving "Failed" projects for review

Destroy date must be indicated in the location of current projects. In the case where exam frequency has been increased, creating two sets of projects to be held, they must be clearly identified by a destroy date.

Candidate personal information

Eliminate the use of confidential personal information in the testing environment, i.e., compliance with Utah Code §13-44-102,201. This was completed a few weeks prior to the Process Review.

Video recording sessions

All state exams are recorded for exam security and testing environment. This protects the proctors as well as the candidate.

Missing paperwork

Exam instructions, scratch paper and project specs are all numbered with candidate number. Proctors would like this to be a fail if all are not returned. This should be clearly stated in exam instructions and the CIB.

Exam Review using Subject Matter Experts (SME's)

Add the Practical exam to the Exam Review rotation. SME's of the industry will consider the particulars of the exam every two years. The objective is to ascertain the overall relevancy, review the components that make up each project, the weight and time allotted to each project, the objective of each project, i.e., are we testing on the most relevant items for this industry? etc..

Portion Statistics Cumulative
 UTAH DOPL - PLUMBING

From: 10/1/2018 To: 9/30/2019

	Pass		Fail		Total	
	N	%	N	%	N	N
UT Journeyman Plumber Examinations	108	63.53	62	36.47	170	
Portion: UT Journeyman Plumber Theory Examination	29	34.12	56	65.88	85	
Total	137	53.73	118	46.27	255	
UT Journeyman Plumber Examinations	88	55.35	71	44.65	159	
Portion: UT Plumber Practical Examination	52	56.52	40	43.48	92	
Total	140	55.78	111	44.22	251	
UT Master Plumber Examinations	20	42.55	27	57.45	47	
Portion: UT Master Plumber Written Theory Examination	19	59.38	13	40.63	32	
Total	39	49.37	40	50.63	79	
UT Master Plumber Examinations	1	14.29	6	85.71	7	
Portion: UT Plumber Practical Examination	3	25.00	9	75.00	12	
Total	4	21.05	15	78.95	19	
UT Residential Journeyman Plumber Examinations	17	70.83	7	29.17	24	
Portion: UT Residential Journeyman Plumber Theory Examination	5	55.56	4	44.44	9	
Total	22	66.67	11	33.33	33	
UT Residential Journeyman Plumber Examinations	15	53.57	13	46.43	28	
Portion: UT Residential Plumber Practical Examination	8	44.44	10	55.56	18	
Total	23	50.00	23	50.00	46	
UT Residential Master Plumber Examinations	2	33.33	4	66.67	6	
Portion: UT Residential Master Plumber Written Theory Examination	3	75.00	1	25.00	4	
Total	5	50.00	5	50.00	10	