

State Laboratory Program - Calibration Scope Summary

State Laboratory	Certificate Date	Mass I	Mass II	Mass III	Weight Carts, Wheel-Load Weighers & Railroad Test Cars	Volume I, Gravimetric	Volume II, Transfer	Length, Tapes, & Rigid Rules	Temperature	Time	Frequency, Tuning Forks	Grain Moisture	AC Energy-Watthour Calibration	Special
Alabama	2018			25 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.03125 oz			1500 gal to 5 gal							
Alaska	2018 to 2019 See NVLAP also.			30 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.03125 oz	Weight Carts 5000 lb to 3000 lb Wheel-Load Weighers 40 000 lb to 10 000 lb	25 gal to 5 gal	1000 gal to 5 gal 100 gal to 25 gal LPG Field Calibrations 500 gal to 5 gal				7000 Hz to 1000 Hz			
Arizona	2018 to 2019 See NVLAP also.		30 kg to 1 mg 50 lb to 0.001 lb 8 oz to 0.03125 oz	500 kg to 1 mg 5000 lb to 0.001 lb 100 oz to 0.03125 oz	Weight Carts 5000 lb to 2000 lb	100 gal to 1 gal SVP 20 gal	500 gal to 1 gal 100 gal to 20 gal LPG							
Arkansas	2018 to 2019 See NVLAP also.			25 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.03125 oz			5 gal							
California	2018 to 2019 See NVLAP also.		2 kg to 1 mg	30 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.01 oz Field Calibrations 50 lb to 25 lb		20 L to 100 mL 5 gal to 1 gill	1000 gal to 1 gal 100 gal to 25 gal LPG Field Calibrations 500 gal to 5 gal 100 gal to 25 gal LPG	Steel tapes Tape to Tape 100 ft to 1 ft Steel tapes, Bench 25 ft to 1 ft	65.556 °C to 0 °C 150 °F to 32 °F	Stopwatches 3 h			120 V to 240 V Range 250 mA to 50 A (0° Phase Angle)	
Colorado	2018 See NVLAP also.		10 kg to 1 mg	30 kg to 1 mg 2500 lb to 0.001 lb 8 oz to 0.03125 oz	Weight Carts 5000 lb to 2000 lb		100 gal to 5 gal 100 gal to 25 gal LPG				Tuning Forks ≤ 80 mph	≤ 20 %		
Connecticut	2018			25 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.03125 oz	Wheel-Load Weighers 40 000 lb to 10 000 lb		Field Calibrations 200 gal to 50 gal			Stopwatches 3 h				
District of Columbia	CLOSED													
Delaware	CLOSED													
Florida	2018 to 2019 See NVLAP also.		30 kg to 1 mg 50 lb to 0.001 lb 10 oz to 0.03125 oz	500 kg to 250 kg 30 kg to 1 mg 1000 lb to 0.001 lb 10 oz to 0.03125 oz	Weight Carts 5000 lb to 3000 lb		1500 gal to 5 gal 100 gal to 25 gal LPG							
Georgia	2017 to 2018		20 kg to 1 mg	500 kg to 1 mg 1000 lb to 0.001 lb 4 oz to 0.03125 oz	Weight Carts 5000 lb to 3000 lb		500 gal to 5 gal 500 gal to 25 gal LPG							
Hawaii	2018 to 2019 See NVLAP also.	1 kg to 1 mg 2 lb to 0.001 lb 8 oz to 0.03125 oz	20 kg to 1 mg 1000 lb to 3 lb	500 kg 20 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.03125 oz		2 L to 100 mL 25 gal to 2 fl oz	1000 gal to 5 gal			Stopwatches ≤ 24 hr				
Idaho	2018 to 2019 See NVLAP also.		30 kg to 1 mg 1000 lb to 1 μlb 8 oz to 0.03125 oz	30 kg to 1 mg 2500 lb to 0.001 lb 8 oz to 0.03125 oz	Weight Carts 3000 lb to 2000 lb	5 gal	750 gal to 5 gal 100 gal to 20 gal LPG							
Illinois	2018	5 kg to 1 mg	5 kg to 1 mg	30 kg to 1 mg 2500 lb to 0.001 lb 8 oz to 0.03125 oz	Weight Carts 5000 lb to 2500 lb		1500 gal to 5 gal 100 gal to 20 gal LPG							
Indiana	2018			25 kg to 1 mg 1000 lb to 0.001 lb 2 oz to 0.03125 oz	Weight Carts 6000 lb to 3000 lb		1000 gal to 5 gal 100 gal LPG							
Iowa	CLOSED (2014-06-30)													

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Kansas	2017 to 2018	100 g to 1 mg	30 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.03125 oz	500 kg to 1 mg 5000 lb to 0.001 lb 8 oz to 0.03125 oz	Weight Carts 8000 lb to 2000 lb	5 gal	1000 gal to 5 gal 100 gal to 20 gal LPG							
Kentucky	2017 to 2018			2 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.03125 oz			100 gal to 5 gal							
Los Angeles County	2018			25 kg to 1 mg 5000 lb to 1 lb 8 oz to 0.3125 oz			5 gal							
Louisiana	2017			25 kg to 1 mg 3000 lb to 0.001 lb 8 oz to 0.03125 oz			5 gal							
Maine	2017 to 2018 See NVLAP also.		30 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.03125 oz	30 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.03125 oz	Weight Carts 7000 lb to 2000 lb Wheel Load Weighers 40 000 lb to 5000 lb	200 L to 5 L 100 gal to 5 gal	5000 L to 19 L 1500 gal to 5 gal 300 gal to 20 gal LPG							Shellfish 6 in to 1 in
Maryland	2017			20 kg to 1 mg 50 lb to 0.001 lb 8 oz to 0.005 oz			300 gal to 5 gal							
Massachusetts	2018			30 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.03125 oz 12 oz ap to 0.5 gr 50 oz t to 0.005 oz t			100 gal to 5 gal Field Calibrations 100 gal							
Michigan	2018 to 2019 See NVLAP also.	20 kg to 1 mg	20 kg to 1 mg 50 lb to 0.001 lb 8 oz to 0.03125 oz	500 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.03125 oz	Weight Carts 6000 lb to 3000 lb Wheel-Load Weighers ≤ 20 000 lb	2 L to 100 mL 25 gal to 0.5 pt SVP 30 gal to 5 gal	2000 gal to 5 gal 100 gal to 20 gal LPG							
Minnesota	2018 to 2019 See NVLAP also.	20 kg to 1 mg 50 lb to 0.001 lb	20 kg to 1 mg 1000 lb to 500 lb 50 lb to 0.001 lb 4 oz to 0.03125 oz	50 kg to 1 mg 5000 lb to 0.001 lb 4 oz to 0.03125 oz	Weight Carts 10 000 lb to 2000 lb Wheel-Load Weighers 20 000 lb to 2000 lb Railroad Test Cars 110 000 lb to 80 000 lb	20 L to 10 mL 100 gal to 0.25 gal	1500 gal to 5 gal 200 gal to 25 gal LPG							
Mississippi	2018			20 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.03125 oz	Weight Carts 6000 lb to 5000 lb		100 gal to 5 gal							
Missouri	2017		30 kg to 1 mg 50 lb to 0.001 lb 4 oz to 0.03125 oz	250 kg to 1 mg 6500 lb to 0.001 lb 4 oz to 0.03125 oz	Weight Carts 6500 lb to 2000 lb Railroad Test Cars 110 000 lb to 80 000 lb		1500 gal to 5 gal 100 gal to 25 gal LPG					19 % to 8 %		
Montana	2018			25 kg to 1 mg 3000 lb to 0.001 lb 8 oz to 0.03125 oz	Weight Carts 5000 lb to 2000 lb		500 gal to 5 gal 100 gal to 25 gal LPG							
Nebraska	2017 to 2018			30 kg to 1 mg 1250 lb to 0.001 lb 8 oz to 0.03125 oz			500 gal to 5 gal 100 gal to 20 gal LPG							
Nevada	2018 Sparks, NV		10 kg to 1 mg 50 lb to 0.001 lb	30 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.03125 oz		5 gal to 2 fl oz	600 gal to 5 gal 100 gal to 20 gal LPG							
	2018 Las Vegas, NV			50 lb to 1 lb 8 oz to 0.03125 oz			5 gal							

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New Hampshire	CLOSED													
New Jersey	2018			30 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.03125 oz	Wheel-Load Weighers ≤ 20 000 lb		1500 gal to 5 gal 100 gal to 20 gal LPG	Steel Tapes, Bench 500 ft to 1 ft		Stopwatches ≤ 24 h	Tuning Forks ≤ 9000 Hz			
New Mexico	2017 See NVLAP also.		30 kg to 1 mg 50 lb to 0.5 lb	500 kg to 1 mg 5000 lb to 0.001 lb 8 oz to 0.03125 oz 100 oz t to 1 oz t 500 gr to 200 gr 10 N to 1 N	Weight Carts 5000 lb to 1000 lb	1 L 5 gal to 2 fl oz	20 L 500 gal to 5 gal 100 gal to 25 gal LPG							
New York	2018 to 2019 See NVLAP also.		25 kg to 1 mg 50 lb to 1 µlb	1000 kg to 1 mg 2500 lb to 0.001 lb 8 oz to 0.03125 oz Lottery Balls 80 g to 2.5 g	Weight Carts 5000 lb to 2000 lb	200 gal to 2 fl oz	120 L to 19 L 2000 gal to 5 gal 100 gal to 20 gal LPG	Bench 200 ft to 1 ft Rigid Rules 16 ft to 1 in Fabric Tapes 12 yd to 0.25 yd Lottery Ball 5.5 cm to 5 cm		3 h				
North Carolina	2018 See NVLAP also.	30 kg to 1 mg 50 lb to 0.001 lb	250 kg to 1 mg 1000 lb to 0.001 lb	1000 kg to 1 mg 2500 lb to 0.001 lb 8 oz to 0.03125 oz	Weight Carts 6000 lb to 3000 lb Lottery Balls 2.65 g	400 L to 100 mL 100 gal to 1 gill 10 ft³ to 0.5 ft³ SVP 30 gal to 15 gal	650 L to 20 L 2000 gal to 1 gal 500 gal to 25 gal LPG	Length Lottery Balls 1.4 in 1.5 in	Thermometry 230 °C to -30 °C 446 °F to -22 °F					
North Dakota	CLOSED													
Ohio	2018 to 2019 See NVLAP also.		50 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.015625 oz	1000 kg to 1 mg 5000 lb to 0.001 lb 8 oz to 0.015625 oz	Weight Carts 6000 lb to 3000 lb		1000 gal to 5 gal 100 gal LPG	Tapes ≤ 100 ft Rigid Rules 72 in to 1 in		Stopwatches ≤ 24 h				
Oklahoma	2018 to 2019 See NVLAP also.	30 kg to 1 mg 50 lb 25 lb	1200 kg to 1 mg 2500 lb to 1 µlb	3000 kg to 1 mg 6000 lb to 0.001 lb 100 oz to 0.0005 oz 20 oz t to 1 oz t	Weight Carts 5500 lb to 2000 lb	100 gal to 1 fl oz	375 gal to 5 gal							
Oregon	2018 to 2019 See NVLAP also.	30 kg to 1 mg 50 lb to 0.001 lb 4 oz to 0.03125 oz	1 kg to 1 mg 1000 lb 500 lb 50 lb	500 kg to 1 mg 5000 lb to 0.001 lb 8 oz to 0.03125 oz		5 gal	1000 gal to 5 gal		III, IV 30 °C to 0.01 °C					
Pennsylvania	2018 to 2019 See NVLAP also.		30 kg to 1 mg 1000 lb to 0.001 lb	2500 kg to 1 mg 5000 lb to 0.001 lb 8 oz to 0.01 oz 200 oz t to 0.005 oz t 1000 gr to 0.1 gr	Weight Carts 6000 lb to 2000 lb Wheel-Load Weighers ≤ 40 000 lb	500 L to 5 L 100 gal to 5 gal 5 gal (Imperial)	5000 L to 5 L 1500 gal to 5 gal	Steel Tapes ≤ 200 ft		Stopwatches ≤ 24 h				Force ≤ 50 lbf
Puerto Rico	NONE													
Rhode Island	CLOSED													
South Carolina	2016 to 2018	30 kg to 1 mg	50 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.015625 oz	1000 kg to 1 mg 2500 lb to 0.001 lb 8 oz to 0.015625 oz	Weight Carts 6000 lb to 2500 lb Wheel-Load Weighers 36 000 lb to 12 000 lb	20 L to 100 mL 5 gal to 1 gal	20 L to 1 L 1500 gal to 1 gal 100 gal to 20 gal LPG					23 % to 13 %		

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South Dakota	2018			30 kg to 1 mg 1000 lb to 0.001 lb 8 oz to 0.03125 oz	Weight Carts 4000 lb to 2000 lb		5 gal							
Tennessee	2018 CONDITIONAL			100 g to 1 mg 1000 lb to 0.001 lb 8 oz to 0.03125 oz			5 gal							
Texas	2018			1000 kg to 1 mg 3000 lb to 0.001 lb 12 oz to 0.03125 oz	Weight Carts 5500 lb to 2500 lb		1000 gal to 5 gal 300 gal to 25 gal LPG							
USDA/GIPSA	2017 to 2018			(Limited Availability) 10 000 lb 1000 lb 50 lb 25 lb	Railroad Test Cars 112 000 lb to 80 000 lb									
Utah	2018			25 kg to 1 mg 1000 lb to 0.001 lb 4 oz to 0.03125 oz			100 gal to 5 gal							
Vermont	2018			30 kg to 1 g 1000 lb to 0.001 lb 8 oz to 0.03125 oz			10 gal to 5 gal							Hydrometers Brix Braume
Virgin Islands	NONE													
Virginia	2018 to 2019 See NVLAP also.		20 kg to 1 mg	25 kg to 1 mg 2500 lb to 0.001 lb 8 oz to 0.03125 oz	Weight Carts 6000 lb to 3000 lb		10 gal to 5 gal				Turning Forks 10 kHz to 1 kHz			
Washington	2018 to 2019 See NVLAP also.	20 kg to 1 mg 50 lb to 0.001 lb	25 kg to 1 mg 1000 lb to 0.001 lb 4 oz to 0.03125 oz	25 kg to 1 mg 4000 lb to 0.001 lb 4 oz to 0.03125 oz	Weight Carts 4000 lb to 3000 lb	5 gal	1000 gal to 5 gal 200 gal to 20 gal LPG			Stopwatches, Times ≤ 24 h				
West Virginia	2018			25 kg to 1 mg 1000 lb to 0.001 lb 4 oz to 0.03125 oz	Weight Carts 6000 lb to 3000 lb		1000 gal to 5 gal 100 gal to 25 gal LPG							
Wisconsin	2018 to 2019 See NVLAP also.			500 kg to 1 mg 3000 lb to 0.001 lb 8 oz to 0.03125 oz	Weight Carts 6000 lb to 2000 lb		1000 gal to 5 gal 100 gal to 25 gal LPG							
Wyoming	2016 to 2017			3000 lb to 0.001 lb 8 oz to 0.03125 oz	Weight Carts 5000 lb to 2000 lb		1000 gal to 5 gal 100 gal to 25 gal LPG							
NOTES:	<p>A one to year Conditional Certificate of Measurement Traceability may be granted when multiple nonconformities exist in the facilities, equipment, standards, staff, or overall laboratory operations, and the laboratory has provided ongoing evidence that it is working to meet criteria in this Handbook. Conditional Recognition will be issued ONLY to meet weights and measures requirements and limitations will be stated in writing (NIST HB 143:2007, Section 3.6.3).</p> <p>Recognized State laboratories may have reciprocity with other Recognized or accredited State Laboratories as a part of voluntary registration program for service agents. Reciprocal acceptance of calibration reports should be limited to laboratories that have maintained full (not Conditional) Recognition with the Office of Weights and Measures (OWM) or formal accreditation. Calibration reports from laboratories that have failed to maintain Recognition, formal accreditation, or are Conditionally Recognized, should be refused (NIST HB 143:2007, Section 2.9.6).</p>													