

Equipment List for Verification & Calibration (Maui)

Maui District Office Lab, 650 Palapala Dr. Kahului Hi. 96732

Unit & No.	Equipment	Make	Model / Type	Ser. No. I.D. No.	Capacity	Calibration Requirements
Maui-01	Thermometer	Kessler	ASTM 64F	#361245		ASTM E77 (32°F, 77°F, 125°F)
Maui-02	Thermometer	Kessler	ASTM-67F	#361542		ASTM E77 (32°F, 275°F)
Maui-03	Balance	Ohaus	Explorer	1118362209 D 2002376		ASTM E898 & AASHTO M231
Maui-04	Balance	AND	HP-60K	13011105 D 2002425		ASTM E898 & AASHTO M231
Maui-05	Mercury Manometer	Princo Instruments		D 2002380		
Maui-06	Sieve Shaker	Humboldt	H-4325	HS #1	20 – 760°F	
Maui-07	Thermometer	Tea USA	Liquid in Glass	TCA	19.4- 400°F	
Maui-08	Pencil Vibrator			952295		Not Used
Maui-09	Pencil Vibrator			952072		
Maui-10	Thermometer	Taylor	Concrete	1	50-550°F	Concrete
Maui-11	Thermometer	TCA USA	ASTM 3F	99-02796	30-124°F	
Maui-12	SE Shaker	Test Lab		1 2001126		
Maui-13	6" Caliper	Mitutoyo	CD-6" C	0491814	6"	
Maui-14	18" Caliper	Mitutoyo	CD-18" C	0003723	18"	
Maui-15	Oven	Humboldt	31-350E	9908470	9+ to 318+°F	Two (2) Temperature Checks are required per AASHTO R-18 unless otherwise specified.
Maui-16	Proctor	Humboldt Compactor	H-4169	M 100- 21010232		ASTM E77 (32°F, 275°F)
Maui-17	Balance	Satorius		3212139		ASTM E898 & AASHTO M231
Maui-18	Oven	Quincy	21-350	B23-48765	9+ to 318+°F	Two (2) Temperature Checks are required per AASHTO R-18 unless otherwise specified.
Maui-19	Thermometer			96892		
Maui-20	Thermometer			BF-1		
Maui-21	Sieve Shaker			5B 280C		
Maui-22	Thermometer			1-TCA1		
Maui-23	Thermometer			1-3		
Maui-24	Thermometer			T-10		
Maui-25	Thermometer			TBD -		To Be Determined.
Maui-26	IR Thermometer	Gilson		7030		
Maui-27	IR Thermometer	Gilson		2892		
Maui-28	IR Thermometer	Gilson		3760		
Maui-29	IR Thermometer	Gilson		5904		

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Maui-30&30a	IR Thermometer	Blue Point		E 5112037030		
		Blue Point		BP-01		5" Black
Maui-31&31a	IR Thermometer	Blue Point		E 5112032982		
		Blue Point		BP-02		5" Black
Maui-32	IR Thermometer	Gilson				
Maui-33	IR Thermometer	Gilson				
Maui-34	Thermometer					
Maui-35	Thermometer					
Maui-36	Thermometer					
Maui-37	Vacuum Agitator	Humboldt		D2003399		
Maui-38	Vacuum Pump	Fischer r				
Maui-39	Vacuum Gauge	Karol Warne		D2003398		Manometer

Notes for all Equipment:

- 1) Calibrating technician should be familiar with equipment and controls before operating the equipment.
- 2) Follow manufacturer's instructions.
- 3) Clean equipment.
- 4) Verify equipment according to calibration requirements.
- 5) Calibrate equipment as needed.
- 6) Deliver Report/Certificate of Calibration/Verification including:
 - a. Name of technician performing calibration/verification.
 - b. Date calibration/verification was performed.
 - c. Equipment and/or standards used to perform calibration/verification.
 - d. Procedures used in calibration/verification.
 - e. Test data from calibration/verification.
 - f. Description of any corrective measures performed.
- 7) Ovens - A minimum of two (2) temperature checks are required per AASHTO R-18 unless otherwise specified.