








This table offers a quick reference of the required OSHA 29 CFR 1910.95 sections for occupational hearing testing.

Number	Requirement	SHOEBOX Audiometry	
1910.95(g)	Audiometric Testing Program		
1910.95(g)(7)(iii)(C)	Measurements of background sound pressure levels in the audiometric test room as required in Appendix D: Audiometric Test Rooms.		SHOEBOX Audiometry includes a room scan feature which, together with its Class 2 external microphone, provides octave-band sound pressure level measurement capability.
1910.95(g)(10)	Standard Threshold Shift		SHOEBOX Audiometry reporting alerts users to OSHA Standard Threshold Shifts.

Number	Requirement	SHOEBOX Audiometry	
1910.95(h)	Audiometric Test Requirements		
1910.95(h)(1)	Audiometric tests shall be pure tone, air conduction, hearing threshold examinations, with test frequencies including as a minimum 500, 1000, 2000, 3000, 4000, and 6000 Hz. Tests at each frequency shall be taken separately for each ear.		SHOEBOX Audiometry meets these requirements.
1910.95(h)(2)	Audiometric tests shall be conducted with audiometers (including microprocessor audiometers) that meet the specifications of, and are maintained and used in accordance with, American National Standard Specification for Audiometers, S3.6-1969, which is incorporated by reference as specified in Sec. 1910.6.		SHOEBOX Audiometry meets specifications of a Type 3 Audiometer as defined by ANSI S3.6-1969 and ANSI S3.6-2018
1910.95(h)(3)	Pulsed-tone and self-recording audiometers, if used, shall meet the requirements specified in Appendix C: "Audiometric Measuring Instruments."		SHOEBOX Audiometry meets all requirements of Appendix C.

Number	Requirement	SHOEBOX Audiometry	
1910.95(h)(5)	Audiometer calibration.		
1910.95(h)(5)(i)	The functional operation of the audiometer shall be checked before each day's use by testing a person with known, stable hearing thresholds, and by listening to the audiometer's output to make sure that the output is free from distorted or unwanted sounds. Deviations of 10 decibels or greater require an acoustic calibration.	✔	SHOEBOX Audiometry includes a biological calibration feature to enable compliance with this requirement.
1910.95(h)(5)(ii)	Audiometer calibration shall be checked acoustically at least annually in accordance with Appendix E: "Acoustic Calibration of Audiometers." Test frequencies below 500 Hz and above 6000 Hz may be omitted from this check. Deviations of 15 decibels or greater require an exhaustive calibration.	✔	SHOEBOX Audiometry offers a calibration service that enables compliance with this requirement.

Number	Requirement	SHOEBOX Audiometry	
1910.95(h)(5)(iii)	An exhaustive calibration shall be performed at least every two years in accordance with sections 4.1.2; 4.1.3.; 4.1.4.3; 4.2; 4.4.1; 4.4.2; 4.4.3; and 4.5 of the American National Standard Specification for Audiometers, S3.6-1969. Test frequencies below 500 Hz and above 6000 Hz may be omitted from this calibration.	✔	All SHOEBOX Audiometry calibrations are exhaustive calibrations per ANSI S3.6-1969 and ANSI S3.6-2018.
Appendix C	Audiometric Measuring Instruments	✔	SHOEBOX Audiometry complies.
Appendix D	Sound Level Monitoring	✔	<p>SHOEBOX's room scan feature meets the functional noise monitoring requirements as described in OSHA 1910.95 Appendix D by the following methods:</p> <ul style="list-style-type: none"> - Use of a Class 2 external microphone with traceable annual calibration - Hardware-assisted <p>FFT isolates 5 frequencies (0.5, 1, 2, 4, 8KHz) with Z-weighting.</p> <ul style="list-style-type: none"> - Class II Octave-Band filtering applied as per ANSI S1.11-2004 <p>Furthermore, SHOEBOX continuously monitors ambient noise during automated testing and will alert the administrator if OSHA MPANLs are exceeded.</p> <p>In addition, SHOEBOX Audiometry offers noise-attenuating headphones that effectively insulate the test subject's ears against a significant amount of ambient noise during testing.</p>

Number	Requirement	SHOEBOX Audiometry	
Appendix E	Acoustic Calibration of Audiometers		SHOEBOX Audiometry complies.
Appendix F	Calculations and Application of Age Corrections to Audiograms		SHOEBOX Audiometry includes age correction feature.