

**North Carolina Hearing Aid Dealers and Fitters Board  
Licensure Examination – Simulator Test Results**

Candidate ID: \_\_\_\_\_ Test Date: \_\_\_\_\_

Total # of Errors: \_\_\_\_\_ Pass: \_\_\_\_\_ Fail: \_\_\_\_\_

Graded by: \_\_\_\_\_ Date: \_\_\_\_\_

	Error Type*	500 Hz		1000 Hz		2000 Hz		3000 Hz		4000 Hz	
		Air	Bone	Air	Bone	Air	Bone	Air	Bone	Air	Bone
<b>Right Ear</b>	F										
	A										
	E										
	S1										
	S2										
	S3										
	S4										
	S5										
	U-A										
	U-B										
	M-A										
	M-B										
	V1										
	V2										
	V3										
<b>Right Ear Errors</b>											
<b>Left Ear</b>	F										
	A										
	E										
	S1										
	S2										
	S3										
	S4										
	S5										
	U-A										
	U-B										
	M-A										
	M-B										
	V1										
	V2										
	V3										
<b>Left Ear Errors</b>											
<b>Total Errors per Column</b>											

\*See the NCHALB-Simulator Error Classifications for a description of each error

## North Carolina State Hearing Aid Dealers and Fitters Board

### Simulation Error Classifications

(Note: Multiple errors may be observed for a single threshold)

**PASSING SCORE = 0 – 7 errors**

**F = Wrong frequency.** Testing any frequency other than 500 Hz, 1000 Hz, 2000 Hz, 3000 Hz and 4000 Hz constitutes an error.

**A = Absent symbol.** The required test result was not recorded on the audiogram.

**E = Extra unmasked symbol.** The unmasked symbol was not removed from the audiogram when masking was performed, thus both the unmasked and masked symbols are recorded.

**S = Symbol error.**

- **S1 – Wrong symbol color;** This is considered only if candidate used red and blue.
- **S2 – Wrong shape symbol**
- **S3 – Wrong direction of arrow or arrow pointing straight down**
- **S4 – Wrong symbol placement;** For example:
  - the bottom of the triangle or the masked bone-conduction bracket rests on the horizontal axis.
  - Bone-conduction symbol (masked or unmasked) is positioned on the vertical axis
- **S5 – Wrong location or orientation of bone-conduction symbol;** For example, the LE bone conduction symbol is correct, but is positioned to the left of the vertical axis representing the frequency being tested.

**U = did not mask when needed**

- **U/A – did not mask for air-conduction although masking should have been performed according to the following masking rule (Martin & Clark, 2003):**

$$AC_{TE} - 40 \text{ dBHL} \geq BC_{NTE}$$

- **U/B – did not mask for bone conduction although masking should have been performed according to the following masking rule:**

$$ABG_{TE} > 10 \text{ dBHL}$$

**M = masked when not needed**

- **M/A – masking was used to obtain an air-conduction threshold when not required**
- **M/B – masking was used to obtain a bone-conduction threshold when not required**

**V = Value error**

- **V1 – an inaccurate bone-conduction threshold where the BC threshold is poorer than the AC threshold for a given frequency**
- **V2 – an inaccurate test result that is recorded at a value within the limits of the audiometer**
- **V3 – a test result recorded beyond the maximum output limits of the audiometer**