



HEARING STANDARD ASSESSEMENT

Applicant: _____

D.O.B: _____

For employment as a Police Officer with the Royal Newfoundland Constabulary (RNC), applicants must meet the following hearing standards. The requirements of a police officer's duties are such that the officer's life may depend on the ability to hear, localize and understand a variety of environmental and speech sounds, including soft sounds. The officer should hear well enough to avoid undue risk to bystanders and to themselves, and to protect the public from harm. This form must be completed by a Registered Audiologist, a Licensed Hearing Aid Practitioner, or an Audiometric Technician under the supervision of a Registered Audiologist or a Licensed Hearing Aid Practitioner. All costs related to the hearing testing are to be incurred by the applicant.

Unaided Criteria I

Pure-tone threshold measured under audiometric earphones shall not exceed 25dB HL in each ear at the following frequencies: 500, 1000, 2000, 3000 and 4000 Hz.

Unaided Criteria II

For each ear, pure-tone thresholds measured under audiometric earphones shall not exceed a four-frequency average (500, 1000, 2000, 3000 Hz) of 25dB HL, thresholds at none of these single frequencies shall exceed 35 dB HL and thresholds at 4000 Hz shall not exceed 45 dB HL. In addition, speech recognition scores shall be 88% or better in each ear at 50 dB HL in quiet, using half lists (25 test words) of recorded monosyllabic words presented under standard audiometric earphones. The lists of Northwestern University Test No. 6 are to be used for word discrimination testing, to achieve consistency across test sites. Furthermore, speech recognition scores measured with both ears open in sounds field shall be 68% or better at a 5+ signal-to-noise (S/N) ration, when a half-list (25 test words) of recorded monosyllabic words is presented at 50 dB HL. For measurement, both the word list and competing speech noise shall be presented at 0° azimuths (i.e. from one speaker located directly in front of the candidate).

Unaided Criteria IA

Pure-tone thresholds measured under audiometric earphones shall not exceed 40 dB HL in each ear at the following frequencies: 500, 1000, 2000, 3000; and shall not exceed 55 dB HL at 4000 Hz.

- If the standards are met the applicant can proceed to Aided Criteria with a Completely in Canal (CIC) hearing aid.
- If the applicant does not meet the standards, accommodation with a CIC is not allowed.

Aided Criteria

NOTE: Accommodation with CIC hearing aids is allowed. Use of other types of hearing aids is not allowed.

For each ear, narrow-band or warbled-tone thresholds measured in a calibrated sound field at 0° azimuth shall not exceed a four-frequency average (500, 1000, 2000, 3000 Hz) of 25 dB HL; thresholds at none of these single frequencies shall exceed 35 dB HL, and threshold at 4000 Hz shall not exceed 45 dB HL. Measurements shall be made monaurally in an audiometric sound field with the aided (non-test) ear plugged or, when necessary, effectively masked (measurements of aided threshold may also be expressed as real-ear aided response, using probe-microphone measurements with sound pressure levels appropriately converted to hearing levels). In addition, speech recognition scores in sound field shall be 88% or higher in each aided ear (with the non-test ear plugged or appropriately masked) using half-lists (25 words) or recorded, monosyllabic words (Northwestern University NU-6 lists) presented at 50 dB HL in quiet at 0° azimuth. Furthermore, monaurally or binaurally aided speech recognition scores measured in sound field shall be 68% or higher at a +5 dB S/N ration, when NU-6 half lists are presented at 50 dB HL. Both the word list and competing speech noise shall be presented at 0° azimuth. Hearing aids worn shall be adjusted to those settings used in the "Hearing Acuity" portion of this criterion.

This is to certify that I am a(n) ☐ **Audiologist** ☐ **Hearing Aid Practitioner** ☐ **Audiometric Technician** and I completed a hearing test on the above name applicant.

If Audiometric Technician selected, name of supervisor: _____

The applicant ☐ MEETS ☐ DOES NOT MEET the RNC Hearing Standard as indicated in **unaided criteria**.

If the applicant "does not meet," is the applicant eligible for the Hearing-in-Noise Test (HINT)?

☐ Yes ☐ No ☐ N/A

If HINT was completed, please provide detail of result:

Does the applicant require the use of a hearing aid? ☐ Yes ☐ No ☐ N/A

If yes, does the applicant meet the RNC Hearing Standard as indicated in **aided criteria**?

☐ Yes ☐ No

Name of person completing test: _____

Location/Address test was completed: _____

Signature: _____ Date: _____