



# HEARING REPORT



*Examination **MUST** have been completed within 12 months of application.*

<b>NAME OF APPLICANT</b>	SURNAME	GIVEN NAMES	INITIAL
ADDRESS OF APPLICANT			
CITY	PROVINCE	POSTAL CODE	DATE OF BIRTH YYYY   M M   D D

## HEARING STANDARDS FOR POLICE OFFICER APPLICANTS (See page 16)

<b>AUDIOLOGIST / OTOLARYNGOLOGIST</b>	NAME OF AUDIOLOGIST/OTOLARYNGOLOGIST:				DATE OF EXAMINATION YYYY   M M   D D
ADDRESS OF AUDIOLOGIST/OTOLARYNGOLOGIST:					
					TELEPHONE NUMBER [     ]
PURE TONE THRESHOLDS IN HL	500	1000	2000	3000	4000
RIGHT EAR					
LEFT EAR					

PLACE A LARGE "X" IN THE APPROPRIATE BOX

I certify that the above named individual ☐ Meets ☐ Does Not Meet  
the hearing requirements for a Police Officer applicant as indicated in Unaided Criteria .

SIGNATURE OF TECHNICIAN/NURSE/DOCTOR (Please indicate designation)	DATE YYYY   M M   D D
SIGNATURE OF APPLICANT	DATE YYYY   M M   D D

**Note:** All hearing test results will be verified by a Pre-Employment Occupational Health and Safety Medical prior to employment.



# ALBERTA POLICE RECRUIT SELECTION STANDARDS

## SUPPLEMENTARY HEARING INFORMATION FOR AUDIOLOGISTS



The auditory requirements of a police constable's routine duties are such that the constable's life may depend on the ability to hear, localize and understand a variety of environmental and speech sounds, including soft sounds. The constable should hear well enough to avoid undue risk to bystanders and to herself/himself and to protect the public from harm.

The hearing requirements of the Alberta Police Recruit Selection Standards were developed based on task and job analysis and an expert opinion. The standard is based on the recognition that, for the police constable, hearing acuity, word discrimination and sound localization are important dimensions of hearing competency required to perform job-related tasks safely and effectively.

### *Alberta Police Recruit Selection Standards – Hearing Standards*

#### **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 50dB 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 sound 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° azimuth (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 application does not meet hearing standards, accommodation with a CIC is not allowed.

#### **Aided Criteria**

**NOTE:** Accommodation with CIC hearing aides 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 and 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.