

Standard Category **1**

S1603

Audiometric standard for personnel requiring safety on the track certification

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1 Purpose

- 1.1 The purpose of this Standard is to specify the level of hearing required by London Underground for track certification and for safe work on the LU track environment.
- 1.2 The hearing requirements are based on sound pressure levels and frequencies generated by the lookout horn, whistle, audible warnings and safety critical communications.

2 Scope

- 2.1 This Standard applies to LU and TfL employees and other individuals who :

- a) in the course of normal or emergency work, access the live LU track and or,
- b) require LU track certification

Within this document all of the above shall be referred to as “LU track environment workers”.

3 Requirements

3.1 General

- 3.1.1 This standard must be read in conjunction with Corporate medical standards for personnel requiring safety on the track certification S1602.

3.2 Hearing Standards

- 3.2.1. Track certification must not be issued to LU track environment workers who suffer from any hearing condition or disability which could affect their own safety, or that of others, when on or about the track. This includes hearing conditions or treatment which could cause:
 - a) sudden impairment/loss of hearing, or
 - b) impairment of awareness, concentration, balance or co-ordination.
- 3.2.2 Hearing loss must not exceed 30 decibels averaged over the sum of frequencies 0.5, 1, 2kh in either ear.
- 3.2.3 Hearing review assessments shall take place according to one of the timeframes below:
 - a) at a regular interval dictated by S1601 for workers whose hearing is equal to or greater than 10dB better than the standard;
 - b) every 2 years for workers whose hearing is less than 10dB above the standard
 - c) at any time when a possible hearing problem has been identified by the individual or their manager or supervisor.