



K. K. Wagh Polytechnic, Nashik.

Hirabai Haridas Vidyanagari, Amrutdham, Panchavati, Nashik-422003

DEPARTMENT OF ADVANCED DIPLOMA IN INDUSTRIAL SAFETY

Academic Year: 2025-26(ODD)

Date of Report: 15/10/2025

Activity Summary Report

Title of Activity: Case Study –Details of Audiometry Test

Aim: To understand in Detail about Audiometry Testing

Date of Activity: 11/10/2025,

Time Duration: 1:00 pm to 3:00 pm

Type of Activity: Training Program

Activity for Class: IT-1-Y

Total Students Attended: 30

<p>Organization: Industrial Safety Professional 39 years of Experience: Experienced Consultant with a demonstrated history of working in the facilities services Industry.</p>	<p>Department/Section: Advanced Diploma In Industrial Safety, K.K. Wagh Polytechnic Nashik.</p>
<p>This Training Program covered the following topics -</p> <ul style="list-style-type: none">• Audiometry is a non-invasive hearing test that measures a person's ability to hear different pitches and loudness levels to assess hearing loss and other hearing issues. Performed by an audiologist.• Detect hearing loss: Identifies hearing loss in its early stages, even before symptoms are noticeable.• Assess hearing function: Evaluates a person's ability to hear various sounds, frequencies, and pitches to understand their overall hearing health.• Diagnose and classify hearing problems: Determines the type and severity of hearing impairment, distinguishing between conductive (outer/middle ear) and sensor neural (inner ear/nerve) loss.• Monitor hearing changes: Tracks hearing ability over time, which is important for individuals with a history of noise exposure or hearing loss.• Pure-tone testing• Speech audiometry• Bone conduction testing• Question-Answers session.	<p>Recourse Person(s) Name and Designation: 1) Shri Hemant Wad , Consultant, Industrial Safety Professional 39 years of experience,</p> <p>Email-id: Hemant Wad: wadnashik@gmail.com Mobile No: 8830029086</p>
<p>• Outcomes/Conclusion: Audiometric testing is a series of tests that evaluate hearing ability, diagnose hearing loss, and monitor changes over time. The process involves using an audiometer to play sounds of different frequencies and intensities to determine a person's hearing thresholds, which are plotted on an audiogram. Other tests, such as those for middle ear function (impedance audiometry)</p>	

Photos of Training Program:



Mr. Hemant Wad, Explains the Audiometry test

**Mr. P.M. Pathak
HOD(IT)
K. K. Wagh Polytechnic, Nashik.**