



# Quantitative Earplug Fit Testing Technical Specifications

## Full Service Ear Plug Fit Testing Service

- Earplug fit training
- Earplug fit testing
- Personal counselling
- Personal printed report
- Management summary report

## Detailed Personal Report

- Actual noise reduction attained
- Color-coded chart showing noise reduction target
- Compliance testing history

## Simple and Quick Process

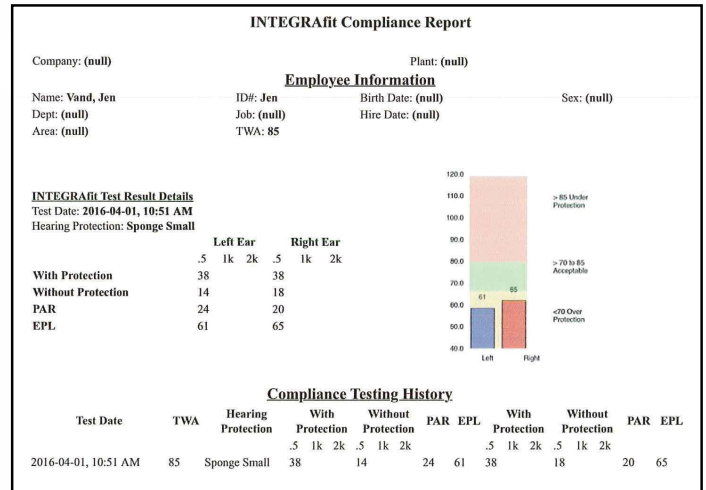
- Similar in concept to a hearing test, specialized headphones go over the ear while the employee is wearing their regular hearing protection
- Employee presses a button when he or she hears a beep
- Takes between 2 - 10 minutes
- If the results indicate that the plugs didn't achieve the desired results, the trainer can re-instruct and re-test the worker until the required noise reduction is achieved.

## When to Do Fit Testing

- Fit tests should be done as soon as a worker is provided with their earplugs and any time they change to a different type.
- Similar to audiometric testing, it's also recommended that earplug fit testing be conducted on a periodic basis in order to monitor for inconsistencies and to conduct re-testing as needed.

## Results

- Measurement of the amount of noise reduction the worker is getting from the earplugs based on the way they have fitted the earplugs themselves.
- Ensure the employee is getting the right fit
- Ensure they are getting the right NRR rating
- Ensure the employee is using the right model plug for them



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## Earplug Fit Testing

Many workers receive less than half of the hearing protection they should be getting due to improper fit.

When earplugs are not worn properly or not fitted correctly, there is a good chance they will not be providing enough protection.

You cannot tell by looking at the earplug if it is providing the necessary protection. As a result, you likely will not know there is a problem until the employee develops noise-induced hearing loss, which can be permanent.

The solution is simple – measure the actual noise reduction the employee is getting when they are wearing their hearing protection. Accurate measurement of the noise reduction can now be done in minutes with advanced technology provided by Workplace Medical.

Our full-service earplug fit testing will measure the actual noise reduction, provide a detailed report and provide personal consulting with your employee to review the results. If they are not getting the proper noise reduction, we will make sure they are wearing the earplugs correctly or recommend a model that would be a better fit.

We take the guesswork out of the fitting process to provide your workers with the best preventative care possible.

