

Information Booklet

Features	Benefits
 Data entry of Employee (or Client) Personal details Employment history Medical history Company details - 	Immediate access to your employees (Clients) Alphabetically, by Work number, by Company, Department or Cost Center. The software can be used to manage the Employees of one or more companies, there is no limit to the number.
 Data entry of test data Test questionnaire Automatic next test date Air conduction test Optional Bone conduction test Optional Spirometry Optional Tympanometry 	Data over the years can be compared to alert you in case of degradation in hearing capacity. Optional tests can be enabled or disabled as required.
Automatic or Manual test acquisition	Automatic test and data acquisition maximises the use of your time and guaranties 100% accuracy between the audiometer results and your records.
Calculation of the percentage loss	3 methods are available NSW, VIC (Nal 1988) WA (Nal 1988 extended) An additional report shows incremental loss for each frequency.
Reports & Assessments	Many reports are available, they cover the all the Australian state legislations as well as New Zealand and overseas requirements. Instant assessment is also available and covers Call centers, Commercial vehicule, train & tram drivers.
Lists	Employees can be listed with a variety of criteria in several formats. More option can be obtained with the "Export to Excel" function where users can create their own criteria.
Re-Test Management	Effectively automates informing your employees or department heads about your re-test requirements.
Training Management	Training could mean Hearing protector training or whatever requirements are in force in your workplace. This feature can be enabled individually for each Employee.
Hearing Protection Management	Optionally you can automatically assess the suitability of hearing protectors worn by the employees against the level of noise in their work environment.
Financial Risk Management	A Potential Liability report will allow you put a value on the maximum financial risk is at anytime for management reports.
Extensive configuration options	The software is easily configurable through the Setup Menu. Most of the information is kept in tables with virtually unlimited capacity.
Large number of Utility functions	Utility functions are useful, for example when a Department changes name you may have to change it in 2000 employees records. In this case you just use the "Rename Department" function.
Form Letters	Form letters are easy to use and very efficient. You can customise the existing ones and add new ones, using the Merge fields to include Employees or Tests information automatically.

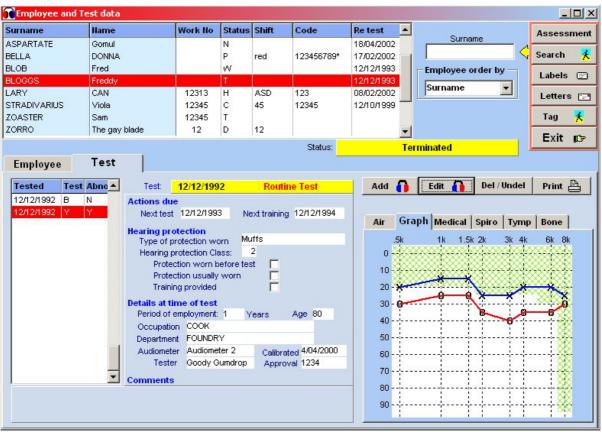
The Program's Menu System

The Utility Menu

The Report Menu

Batch Audiograms Batch Report cards	<u>R</u> eindex Files Untag Employees	
 Global Employee / Test report Reg 2004,16,1 Report (Threshold Shift, VIC) A Australian Standard Reports 	List Duplicates List Deleted Records Purge Deleted Records	
Baseline Shift Report OSHA STS Report Assessment Report	Rename a Department Rename a Company Rename an Occupation Rename a Workgroup	The Setup Menu
Commercial Vehicle Drivers Test Report Train Driver test Report	Update Department & Company Numbers Update Employee Re-test date	Companies Departments
Percentage Loss Statistics Hearing Loss Statistics Employee Status Statistics	Switch a Test from One Employee to Another Data Integrity Check	Occupations Workgroup Hearing Protection Devices
Age Statistics Baseline Medical Statistics	> Restore	Employee Test
Current Medical Statistics Potential Liability		Audiometers Australian Standards / Normal Potential Liability
Employees & Tests Tests		Comments Letters
Export Data to a WA Text File (ASCII) Create Excel Table Th	e List Menu	Page Setup Printer
Re-test Management Re-train Management Hearing Protection Management		Preferences
Workplace Audiometrics		
Data entre Browse 4 Fa		Licence : \$30205





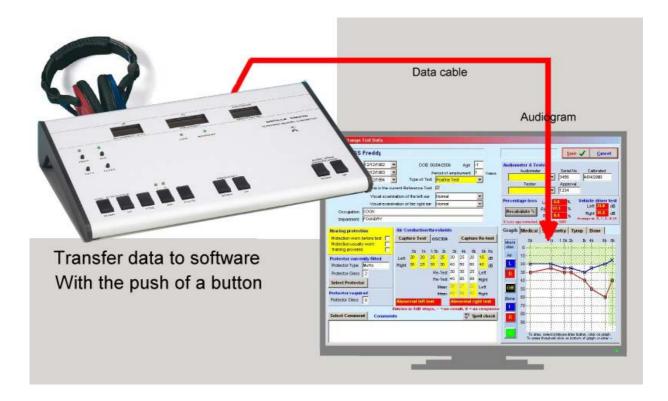
The Data entry screen showing the Employee and test data

Hearing test assessme	ent report					
 (a) Shift from baseline average (b) Shift from baseline average (c) Shift from baseline at 500, (e) Shift from baseline at 500, (e) Shift from baseline at 8000 <u>Victorian regulation 2007 3.2.11 at</u> (16.1) Shift >= 15db at 3000, 40 <u>Rio Tinto</u> (f) Current thresholds averaged 	ed at 6000 => 15 dB 1000, 1500 or 2000 => 15 dB => 20 dB	previous test	e corrected		the standards seessment is s that a perso level permited	n has a hearing
 (2) Average absolute at 2000, 3 OSHA S.T.S. (Canada) (3) Shift from baseline at 2000, Commercial vehicle and Tram Dri 	ad at 2000, 3000 and 4000Hz => 10 df 3000 and 4000 => 25 dB same ear as , 3000 and 4000Hz => 30 dB, age adju <u>ivers</u> 000 and 3000Hz in better ear < 40 dB	in (1)		are using the base Baseline is de	line. fined as the lat	rd and the OSHA STS test test with a nt, the oldest test
<u>Train Drivers</u> Pass = average at 500, 1000 and	d 2000Hz in better ear < 40 dB					
Number of tests: 2 Baseline test date: 02/03/2004	Australian Standard (a) (b) (c) (d) (e)	2007	OSHA S.T. 1) (2)	s Age corrected S.T.S (3) Left Right	Phone Call centre Operators	Drivers Commercial vehicles & Trams Trains
Last tested on: 20/12/2006	X			1 3	Fail	Pass Pass

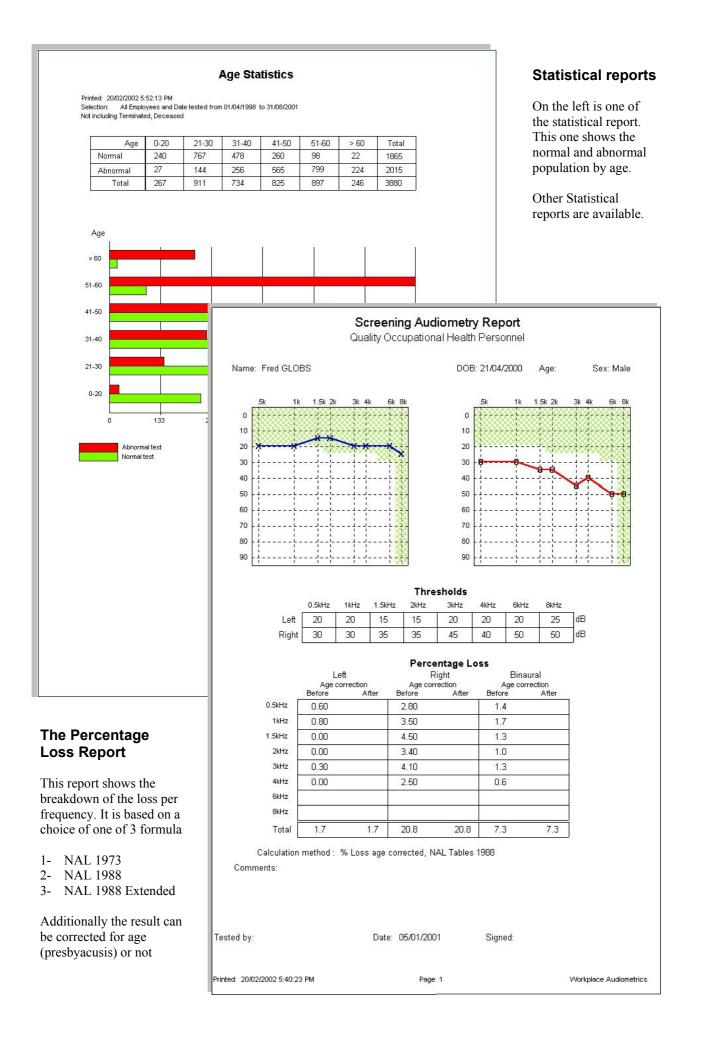
The assessment page showing the assessment results based on each of the standards

	BLOGGS		Name Freddy	Work No Save 🗸 Cano	el
Street	12 Norfolk Stree	et		Workplace	
Suburb	PADDINGTON			Status Terminated	•
stcode	2022	State NSW	Sex MALE	Code: Shift:	1
		_		Commencement date 06/06/1991	-
lephone	02 3456 7899		Actions allowed	Termination date 28/03/1999	-
			Allow Re-Test		
			Allow Re-train 🔽	Claim submitted 🥅 Claim settled 🗖	1
	of birth <mark>12/12.</mark> Entered 08/04.		Actions Next test due 12/12/1993 • Next training 12/12/1994 •	PREVIOUS EMPLOYERS 1 - 2 -	
		Occupation		3 -	
Sel	lect Occupation	соок		MEDICAL HISTORY Medical history changed	Г
Sel	lect <u>O</u> ccupation	11		Exposure to explosive/gun fire	
	lect <u>O</u> ccupation	Department		Exposure to explosive/gun fire Years Military service	
	<u> </u>	Department FOUNDRY	Darde adar Olere ya miro	Years Military service History of hearing troubles	הקרה
Sel	lect <u>D</u> epartment	Department FOUNDRY	Protector Class require	Years Military service History of hearing troubles	বাব
Sel	<u> </u>	Department FOUNDRY	Protector Class require	ed Years Exposure to explosive/gun fire Years Military service History of hearing troubles Exposure to childhood antibiotics Noisy Hobbies Ringing ears Power Tools Frequent Colds	রবাব
Sel Sel	lect <u>D</u> epartment	Department FOUNDRY Workgroup: COOK Company		ed Years Exposure to explosive/gun fire Years Military service History of hearing troubles Exposure to childhood antibiotics Noisy Hobbies Ringing ears Power Tools Frequent Colds Dizziness Discharges	র বর । র
Sel Sel	lect <u>D</u> epartment	Department FOUNDRY Workgroup:		ed Years Exposure to explosive/gun fire Years Military service History of hearing troubles Exposure to childhood antibiotics Noisy Hobbies Ringing ears Power Tools Frequent Colds	র বর । র

The data entry screen showing the Employee data page



Easy transfer of the data from a number of Audiometer brands, to the software, where all the data analysis required for Hearing Conservation and Workcover regulations is available.



E	Employee Report card The report car	ď
Fred GLOBS 15 Norfolk Street PADDINGTON NSW 2031 Entered: 21/04/2000 Status: Permanent - Noise Department: Admin Occupation: Clerk Claim submitted Claim settled Comments:	e exposed Commencement Date: 21/04/2000 Years employed: -5 Company: ROBERTSON AND SON Address 56 PARRAMATTA ROAD, BURWOOD State State S	the tests s the years. ne loss
	15 Norfolk Street Tel: Extention: Street PADDINGTON NSW 2031 Work No: OIUPOI Number of the street	Sex Male Shift: ests: 1 mployed: 1
	Currently has ear ache?: Cyrently has ear ache?: Cyrently has ear ache?: Cyrently has ear ache?: Cyrently has ear ache?: Class: Class: Work group Class: Audiometer A87 Calibrated: 1/01/2000 Left Normal 0.8 Audiometer A87 Calibrated: 1/01/2000 Koss age corrected, NAL Tables 1988	8k Hz 20 dB 40 dB aural 5.2
	Spirometry FCV FEV1 Ratio FEF PEF Left <td>Hz dB dB</td>	Hz dB dB
he Audiogram	40 40	
on the right, can be configured to show Air, e-test, Spirometry and one conduction as equired.	70	
he graph colours and ormal levels are also onfigurable.	Actions — Further actions — Training provided: Referred medically: Next test: 20/02/2004 Next training: 20/02 Tested by: T.Harris Approval #. OHN Date: 20/02/2002 Signed	2/2006

Listing Employee, Test and Re-test management

 By date of last test By Shift By Company By Department By Company & Department By Occupation By Employee's Postcode By tag By Workg = High speed search 	 By date of last test If last Test is Abnormal If last Test is Normal If last Test is Normal If % loss both sides greater than X By a keyword in the Test comments By Employee's Status By Shift By Workg By Cost Centre Claim submitted Claim settled 	Printer pdf File Labels Letters Mail Merge Format © Audio data © Personal data © Company data © Short personal Include Deceased Terminated
--	--	--

Employees and test can le listed by companies, departments, date of test etc. The report can be saved in various formats, including pdf or exported. Lists can be mailmerged to a template letters or as labels.

	Re-Test Sched	duling
Option 1 C By Shift C By Company By Department C By Company & Department C By Company & Department C By Tag C By Workg = High speed search	ent	's Status C Labels
		Alphabetical By Retest date Search Type Retests due Retests overdue Re-Test due From 31/08/1990 To 20/09/2005

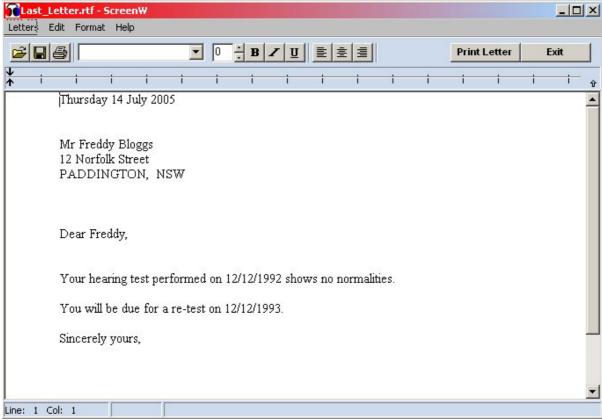
The software has powerful re-test management facility. Employees to be re-tested can be listed. The departments or companies who have employees due for retest can also be listed to save time.

The same facility is available to manage training if required

Letters Edit Format Help Image: Second	
🗃 🗐 🎒 Times New Roman 💌 11 🕂 B 🖊 U 🖹 🚊 🗐 Insert Field Print Letter Ext	
	t
	+
[][Todays_Date]	*
Select a Field [Mr/Mrs] [Employee_Name] [Employee_Address] Mr/Mrs [Employee_Address] MR/MRS Employee_Name EMPLOYEE NAME	
Dear [Employee_Name], Her/She He/She he/she	
Your hearing test performed on [Date_Last_His/Her his/her	
You will be due for a re-test on [Date_Next_Age	
Work_No Sincerely yours, Occupation Department	
Line: 1 Col: 3 Modified Company_Postcode Company_Contact	

The Template Letter System

The above Template letter contains Merge fields which can be selected from a dropdown list. The Template file is saved as an RTF file, which can be read and spell checked by MS Word if required.



The same template letter used with an Employee automatically uses the relevant Employee data.

Options	Exporting data	Tags			
Lin	king with other Softwa	The path I	below will be used by the 3 functio VAudio default to D:\delphiap\Soreen	ons on this page	
	dical Director When this link is active th automatically by Medical			nanged here is copied to a file that can be read	
MS	the thresholds, n	ormals and % los	S.	APH.TXT and GRAPH.jpg are created with	
	These files are ci	reated in the same	e folder as the program or, if prese	nt in the above path.	
SA	If Auto-save is ticked, a		saved in file SAP.TXT. data. See manual for format.	Auto-save test data 🛛 🔽	
	Second Protocol Second	Sector Maleria 143			

Interfacing with Medical Director

The software can be programmed to send each new employee personal data to Medical Director automatically.

The test data can be copied by clicking on the green button in the test screen and pasted anywhere. In addition the green button creates 3 test data files in rtf, txt and jpg format respectively, containing the test data.

Interfacing with SAP

When a test is created the data is pushed into a text file in comma delimited format, which can be read, then deleted by SAP. The program then creates a new one and starts adding data again to it.

Interfacing with other data

The system used by SAP can be used by any external program. This data can also be read by MS Excel and other spreadsheet programs.

The above screen allows enabling and configuration of these options.

Company name Tag Company address Ho CONTACT TEL ROBERTSON AND SON IS PARRAMATTA ROAD. 41 JOHN SURNAME 02 9234 5678 SIXWELL PTY LTD 12 PARTS AVENUE 15 NORFOLK STREET 1 IS ROSERG SERG WERG W 1		la l	
SINKWELL PTY LTD 12 PARIS AVENUE 2 rED'S BAKERY 15 NORFOLK STREET 1	Company name		
TED'S BAKERY 15 NORFOLK STREET 1			02 9234 5678

Setting up a Company list

The software is happy to work with one company, but can also manage multi companies including multiple sites per company. There are no limit to the number of companies.

- O × Search Workgroup Details Workgroup Na Tag L Aeq, 8h Tonal Class # The Classification concept and Hearing prote have been kindly supplied by NAL. COOK 85 FOUNDRY * 95 V OFFICE WORK 80 You can enter a noise exposure value L Aeg, 8h, in dB(A). This value, if below 110 dB and not a tonal noise, will give this Workgroup a Protector classification that will be used to assess the protector required for this area. PAINTER This system is compliant with Australian standard 1269 and will allow you to assess the suitability of an employee's hearing protection by running the HPD report. The HPD report will compare the protector class in the employee's workgroup with the class of the protector worn at the time of the last test Beware that this system is only designed to cover non tonal noise levels below 110 dB(A). For higher noise levels or tonal noises, please refer to a noise professional. -Edit Del/Undel Print 📇 Exit 🗊 Add Default Workgroup

Setting up the Workgroups

Workgroups can be used in different ways. Here it is used to mean an area of same noise exposure level. This level can be compared with the Hearing Protectors worn by the Employees. It can be renamed to anything, example: "Cost Center"

Search for a Class		Class (🔿 Make 🦳 Model	Doubleclick the Hearing Protector you wa	ant to use
Model	Tag Cla	ss Make	Туре	Description	SLC 80
FOAM			Foam plugs	Standard foam plugs	0
MUFF			Ear muffs	Standard muffs	0
PLUGS			Ear plugs	Standard plugs	0
EMLF-48	1	PROTECTOR	Ear muffs	Safety Products EMLF-48	11
YELLOW 2500H MSA	1	UVEX	Helmet muffs	Yellow 2500H on MSA Hard hat	11
PHONSTOP	1	AM	Ear plugs	Phonstop	13
PROPP-O-PLAST	1	BILSOM	Ear plugs	Propp-O-Plast	12
CANALCAPS	1	CIGWELD	Ear plugs	Canalcaps	10
EAR DEFENDERS	1	MINE SAFETY	Ear plugs	Mine Safety Appliances Ear Defenders	12
DBA	1	RACAL SAFTY	Ear plugs	Racal Safety DBA	12
H.I.C.	1	TASCO	Ear plugs	H.I.C.	13
2470 COMPACT	2	BILSOM	Ear muffs	2470 Compact	17
SILENCER	2	CIGWELD	Ear muffs	Silencer 455200 -1990	16
SILENTA ERGO II	2	KEMIRA	Ear muffs	Silenta Ergo II Cap attachment P/N 455308	15
SILENTA UNIC	2	KEMIRA	Ear muffs	Silenta Unicap Cap attachment P/N 455273	16
HUSHMUFF MK II	2	MINE SAFETY	Ear muffs	Mine Safety Appliances Hushmuff MK II 222775-09	17
NOISEFOE IV	2	MINE SAFETY	Ear muffs	Mine Safety Appliances Noisefoe MK IV	16
EML10 (PRE 1987)	2	PROTECTOR	Ear muffs	Safety Products EML10(pre-1987)	15
EMLU-47	2	PROTECTOR	Ear muffs	Safety Products EMLU-47	16
HUSHMUFF22215006	2	MINE SAFETY	Helmet muffs	Hushmuff 22215006	15
EMCC-50	2	PROTECTOR	Helmet muffs	Safety Products EMCC-50	14
EMM71	2	PROTECTOR	Helmet muffs	Safety Products EMM71	16

The software will allow you to compare the Class of noise employees are exposed to with the class of the hearing protection device they are wearing. The Class of noise the employee is exposed to is stored with the Workgroup/Workgroup The Hearing protection device comparison mechanism in this software is based on The Australian Standard 1269. Waming: This system is only covers Non Tonal noise levels up to 110 dB. For higher noise levels or tonal noises, please refer to a noise professional.

Setting up the hearing Protectors

The software comes with an existing list of protector which can be added to.

This feature can be used if required, in conjunction with the Workgroups, but it is not compulsory.