

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit'– Syllabus November 2010

Subject/Content	Depth required to be assessed as Competent
<p>Section 1. Knowledge of RPE Sets out the minimum knowledge requirements in respect of respiratory protective equipment. [Mandatory]</p>	
<p>1.1 General knowledge</p>	<p>A general understanding of RPE use in the workplace</p> <p>Understanding of</p> <ul style="list-style-type: none"> • The nature of potential hazards which RPE can protect against • Implementing RPE use in the workplace • The need for training in the use of RPE

Demonstrates a general understanding of HSG 53

Demonstrates in depth knowledge and understanding of HSG53 paragraphs 11-14, 16 and 17-18.

Demonstrates an understanding of the terms 'adequate' and 'suitable' in relation to RPE selection and fit testing.

Demonstrates in depth knowledge and understanding of HSG 53 paragraphs 23-27 and 33

Demonstrates in depth knowledge and understanding of HSG 53 paragraphs 46,47,52 and 56-59

NB. The ability to select suitable and adequate RPE is not required, however the person should have the ability to Identify where the selection of RPE is obviously incorrect.

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit'– Syllabus November 2010

<p>1.2 Protection factors</p>	<p>Understanding of Protection factors and fit factors:</p> <ul style="list-style-type: none"> • Fit factor • Assigned PF • Nominal PF 	<p><i>Demonstrates an understanding of and the correct application of the term fit factor and of the various protection factors defined in EN529 para 3.2, 3.6, 3.11, & HSE282/28 para 33</i></p>
<p>1.3 Types and classes</p>	<p>Knowledge of the range of RPE available</p> <ul style="list-style-type: none"> • Filters • Negative pressure filtering respirators • Power assisted filtering respirators • Powered filtering respirators • Airfed devices • Fresh Air Hose • Self Contained Breathing Apparatus • 	<p><i>Demonstrates in depth knowledge and understanding of HSG 53 paragraphs 7 & 8, & EN529 Section 4.</i></p> <p><i>General understanding of all generic RPE types:</i></p> <ul style="list-style-type: none"> ➤ <i>Filtering devices</i> ➤ <i>Breathing apparatus</i> <p><i>Recognises and can identify different models and classes of RPE.</i></p> <p><i>Demonstrates a general knowledge of the range of RPE, their function, capabilities and limitations HSG53 pages 31-40.</i></p> <p><i>NB. This does not have to be manufacturer specific although an awareness of different manufacturers' models would be desirable.</i></p>

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit'– Syllabus November 2010

<p>1.4 Assembly, Inspection, maintenance prior to fit testing</p>	<p>Understanding of the purpose of, and demonstrates a practical ability in:</p> <ul style="list-style-type: none"> • Assembly of facepiece • Examination of facepiece • Exhalation valve • Filter (differentiate between that used for the fit test and that used in use) • Faceseal • Head harness 	<p><i>Knows and can demonstrate how to assemble and check the condition of the facepiece prior to fit testing</i></p> <p><i>Knowledge of COSHH Reg. 8(1) and para 159(c)</i></p> <p><i>HSE282/28 paras 90,103&105</i></p> <p><i>Knowledge of manufacturers' instructions</i></p>
<p>1.5 Donning prior to fit testing</p>	<p>Understands:</p> <ul style="list-style-type: none"> • The nature and significance of wearer related factors • The importance of following the manufacturer's instructions • Generic rules for donning <p>Understanding of the purpose of and demonstrates a practical ability in:</p> <ul style="list-style-type: none"> • Fit checking • Visual inspection of fit 	<p><i>Demonstrates in depth knowledge and understanding of HSG 53 paragraph 41, 'wearer related factors' pages 19-20. HSE 282/28 para 98.</i></p> <p><i>Knowledge of COSHH Reg. 8(1) and para 159(c)</i></p> <p><i>Demonstrates the ability to give instruction on correct donning including fit-checking</i></p> <p><i>Demonstrates the ability to recognise a poor fit and give appropriate corrective advice</i></p>

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit'– Syllabus November 2010

Section 2. The Role of Fit Testing Sets out the minimum knowledge and understanding requirements in respect of the need for fit-testing of respiratory protective equipment. [Mandatory]		
2.1 Required Legal Knowledge and Understanding	Understands the role of RPE Fit Testing, plus: <ul style="list-style-type: none"> • Where to find relevant regulations e.g. COSHH, CAR etc. • The need for training in the application of fit testing 	<i>Demonstrates in depth knowledge and understanding of the role of RPE fit testing and where this fits into the legal framework - HSE282/28 parts 1 & 2 (paras 1-47)</i> Also: <ul style="list-style-type: none"> ➤ HSG 53 para 52 ➤ COSHH Reg. 7 relating fit testing (146-151) ➤ CAR Reg. 11 relating to fit testing (195-201)
2.2 Purpose of fit testing	Understands the purpose of fit testing and when it is required <ul style="list-style-type: none"> • Understanding of the term tight-fitting and the applicable types of facepiece • When fit testing should be carried out • When it doesn't need to be carried out • When fit testing should be repeated When you should not carry out fit testing <ul style="list-style-type: none"> • When the requirements on the wearer are not fulfilled • When you believe that the device is inadequate for the workplace conditions. 	<i>Demonstrates understanding of the purpose of fit testing, which type of RPE requires it & when fit testing is inappropriate.</i>

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit' – Syllabus November 2010

Section 3. Principles of Fit Testing Sets out the minimum knowledge and understanding requirements in respect of the principles involved in carrying out effective respiratory protective equipment fit testing. [Mandatory]		
3.1 Fit test methods	<ul style="list-style-type: none"> • Qualitative bitrex, saccharin, isoamyl acetate- (wearer must be sensitive) • Quantitative Portacount, (sufficient ambient particle count, wearer generated particles) • Quantitative test chamber (need facilities and expensive equipment) • Quantitative CNP (high demands on wearer holding breath etc.) • Types of facepiece which may be tested with each method and why • Type of filter which needs to be used and why • Problems which may be encountered 	<i>Demonstrates knowledge of how each of the fit test methods included in 282/28 works and their limitations of use</i> <i>Aware of problems and takes appropriate actions</i>
3.2 Fit test exercises	Fit test exercises <ul style="list-style-type: none"> • Their purpose • What they are and how they should be carried out including time • Precautions • What you should do if the wearer is unable to carry out some of the exercises. 	<i>Understands the purpose of the exercises.</i> <i>Provide suitable instructions</i> <i>Employs the exercises</i> <i>Understands actions if wearer is unable to carry out exercises</i>
3.3 Information for and requirements of the wearer	<ul style="list-style-type: none"> • Understanding of what the test involves • Smoking • Eating and drinking • Facial hair • Wear other head worn PPE or medical corrective devices which will be required when working 	<i>Understands the important factors to be considered before performing a fit test.</i> <i>Considers relevant H&S</i> <i>HSE 282/28 Paras 58, 89, 93-98</i> <i>Understands the role and responsibility of the employee in relation to fit testing</i> <i>HSE 282/28 Paras 109-113</i>

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit'– Syllabus November 2010

3.4 Requirements of employer	<ul style="list-style-type: none"> • Adequately communicated information and requirements to the wearer • Arrange for suitable spectacle frames to be available if spectacles are required for working whilst wearing a full facemask • Advise type of filter required • Suitable room if the test is to take place on the employers premises • Declaration that the wearer is medically fit to carry out the fit test (preferably in writing from the employer) 	<i>Understands the role and responsibility of the employer in relation to fit testing</i>
3.5 Examination of facepieces for adequate condition for fit testing	<ul style="list-style-type: none"> • Facepiece body clean and undamaged including face seal • Visor clean and undamaged • Head harness adjustable and undamaged • Valves present and in good condition. 	<i>Knowledge of how to assemble and to check the condition of the facepiece prior to fit testing HSE282/28 paras 90, 103, 105</i>
3.6 Record keeping	<ul style="list-style-type: none"> • Wearer details • Facepiece details • Results • Service provider details • Equipment details 	<i>Knows what details to record Take suitable care with data HSE282/28 paras 84 and 85</i>
3.7 Preparing the wearer	<ul style="list-style-type: none"> • Explain purpose of a fit test and how this test works • What will be required of the wearer, e.g. breathe through mouth for QLFT, exercises, indicate when can taste/smell the test agent • Check wearer requirements re facial hair, smoking, eating etc • Check if other PPE required and type of filter required • Wearer dons facepiece correctly following manufacturer's instructions • Wearer correctly carries out fit check • Visual inspection of fit • Wearer tries out treadmill, step, bike (knows how to operate device) • Means of communicating with wearer confirmed 	<i>Understands the role and responsibility of the employee in relation to fit testing</i> <i>Takes due care H&S</i> <i>Explains the purpose of the fit test HSE282/28 paras 86 and 108 Explains what is required from the wearer HSE282/28 paras 92, 94-7, 109-113 Knows when to refuse to conduct a fit test HSE282/28 paras 98 and 110</i>

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit'– Syllabus November 2010

<p>3.8 Post test requirements</p>	<ul style="list-style-type: none"> • Cleaning & disinfection of facepiece and fit testing equipment • Removal of probes • Putting the RPE back into service • De-brief wearer on fit test findings 	<p><i>Understands the importance of cleaning & disinfection</i> <i>HSE 282/28 Para 91</i></p> <p><i>Takes suitable steps to ensure correct functioning of the fit test equipment</i></p> <p><i>Knows how to remove probes and put the RPE back into service.</i></p>
<p>3.9 Diagnosing failures</p>	<ul style="list-style-type: none"> • Visual examination of the face fit • Corrective actions before re-testing • Fit test equipment diagnostic checks • Visual examination of the facepiece (3.5) 	<p><i>Knowledge of possible problems that may cause an unsuccessful fit test.</i></p> <p><i>Understands what actions to take following an unsuccessful fit test.</i></p> <p><i>Demonstrates the practical ability to investigate the possible causes of an unsuccessful fit test and takes appropriate actions</i></p> <p><i>Understands the implications of an unsuccessful fit test.</i></p> <p><i>HSE282/28 paras100 –10 and, 117.</i> <i>Fit test equipment manufacturer's instructions.</i></p>

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit'– Syllabus November 2010

<p>3.10 Interpretation of results</p>	<p>Understands</p> <ul style="list-style-type: none"> • the pass/fail criteria applicable to the type of RPE tested • the factors that lead to uncertainties in the fit test results • how to correctly recognise and interpret fit test results where the result is borderline or could have been affected by a factor other than fit. 	<p><i>Demonstrates knowledge of the pass/fail criteria HSE282/28 para 20</i></p> <p><i>Demonstrates knowledge of the idiosyncrasies of the fit testing equipment being used and the potential factors that may give false results, potential reasons for failures, characteristics of generic masks types and inherent design issues of the RPE and fit test method that would have adverse effects on the fit test result</i></p> <p><i>HSE282/28 para 24 and Appendix 1 Troubleshooting</i></p>
<p>Section 4. Fit Test Methods Presented as a series of optional elements, this section sets out the specific knowledge and understanding requirements necessary to carry out each method of fit-test and for each type of respiratory protective equipment. [Compliance with one or more of the optional elements is mandatory]</p>		
<p>Method 1. Qualitative fit testing using a taste responsive method</p>		
<p>4.1.1 Knowledge of equipment required</p>	<p>An understanding of:</p> <ul style="list-style-type: none"> • Principles of the taste test. • When it is appropriate to use this method. 	<p><i>Demonstrates what equipment is required and the standards that sre relevant to the equipment Demonstrates knowledge of report format defined in HSE 282/28 para 84.</i></p> <p><i>Ref. Manufacturers Instructions & HSE 282/28Para 53</i></p>
<p>4.1.2 Environmental requirements</p>	<p>An understanding of: Need for a well ventilated room.</p>	<p><i>Demonstrates an understanding of what environmental requirements are necessary for QLFT</i></p>

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit'– Syllabus November 2010

<p>4.1.3 How to prepare the equipment</p>	<ul style="list-style-type: none"> • Preparing the hood • Filling the nebulisers, checking correct functioning • Checking the facepiece and user instructions 	<p><i>Demonstrates knowledge of how to prepare the fit test equipment and check that it is working correctly prior to the test as defined in manufacturers' instructions and HSE 282/28 paras 50 and 51</i></p>
<p>4.1.4 Sensitivity test</p>	<p>Conduct sensitivity test:</p> <ul style="list-style-type: none"> • Brief wearer. • Conduct test. • Record result. 	<p><i>Demonstrates knowledge of conducting sensitivity test as defined in manufacturers' instructions.</i> <i>HSE282/28 para52</i></p> <p><i>Takes appropriate steps and actions in appropriate sequence.</i></p>
<p>4.1.5 Fit test</p>	<p>Conduct fit test:</p> <ul style="list-style-type: none"> • Brief wearers on the conduct, safety and test procedure: • Observe donning of respirator and fit check • Ensure palette is clear of residual taste from the sensitivity test • Maintain control of the wearer during the test • Ensure the appropriate concentration of test agent is maintained throughout the test • Observe the wearer and function of equipment throughout test • Record results. • Clean equipment. 	<p><i>Demonstrates in depth understanding of manufacturers' instructions.</i> <i>HSE282/28 para52</i></p> <p><i>Demonstrates knowledge of exercises defined in HSE 282/28 para 81.</i></p> <p><i>Demonstrates understanding of the meaning of the results and ability to explain the consequences of the result.</i> <i>HSE282/28 paras 101 and 102</i></p>

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit'– Syllabus November 2010

4.1.6 Troubleshooting	<p>An understanding of:</p> <ul style="list-style-type: none"> • The options available following a negative response to the sensitivity test • When a re-test is appropriate • Examination of the facepiece • What to communicate to wearer and employer • Diagnose and rectify problems with the fit of the facepiece • Diagnose and rectify problems with the fit test equipment 	<p><i>Demonstrates knowledge of troubleshooting following manufacturers' instructions and general knowledge of test method. HSE282/28 paras 99, 100 and Appendix 1 Troubleshooting</i></p>
4.1.7 Interpretation of results	<p>An understanding of:</p> <ul style="list-style-type: none"> • What to consider if the wearer completes the test without tasting the test solution • What to consider if the wearer indicates that they taste the test solution • What to consider if the wearer indicates that they think they may have tasted the test solution 	<p><i>Demonstrates knowledge of the circumstances which may influence the result of the test</i></p>
<p>Method 2. Quantitative fit testing using a Particle Counting Device (TSI Portacount Plus Respirator Fit Tester)</p>		
4.2.1 Knowledge of the Portacount	<p>An understanding of:</p> <ul style="list-style-type: none"> • How the Portacount functions and how it can be used to measure face fit of RPE. • The modes of operation. • Safe use of the Portacount 	<p><i>Demonstrates an understanding of how the Portacount works and its role in fit testing Ref: Portacount Plus Operation and Service Manual. Ref: www.TSI.com</i></p> <p><i>Understands the safety risks and how to control them when using or maintaining the Portacount</i></p> <p><i>Ref: Portacount Plus Operation and Service Manual Ref: www.TSI.com</i></p>

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit'– Syllabus November 2010

<p>4.2.2 Set-up the Portacount plus ready for use.</p>	<p>An understanding of:</p> <ul style="list-style-type: none"> • The environment required for Portacount Quantitative fit testing. • How to assemble hardware ready to perform daily checks. <p>Configure the FitPlus software and perform the following task:</p> <ul style="list-style-type: none"> • Select/create a user database • Populate people database. • Populate the respirator database. • Select applicable protocol database. <p>An understanding of daily checks:</p> <ul style="list-style-type: none"> • Their purpose and how to perform them. • The causes of failure. 	<p><i>Demonstrates a good understanding of the considerations when selecting a suitable location. Demonstrates practical skill in setting-up the Portacount and PC and using the software</i></p> <p><i>Ref: Portacount Plus Operation and Service Manual Edition II. Ref: www.TSI.com</i></p> <p><i>Demonstrates use of the daily check software. Understanding of what it does, and remedial action which may be necessary.</i></p> <p><i>Ref: Portacount Plus Operation and Service Manual. Ref: Fit-Plus software user manual. Ref: www.TSI.com</i></p>
<p>4.2.3 Prepare a RPD for fit testing using an adaptor</p>	<p>Use an adaptor kit to prepare a RPD for fit test:</p> <ul style="list-style-type: none"> • Use adaptor kit with inlet valve access. • Use adaptor kit with outlet valve access. • Use an adapted/modified RPD for fit testing. • Use suitable filter's for fit testing 	<p><i>Demonstrates practical skill in preparing RPD for fit testing.</i></p> <p><i>Ref as per manufacturers adaptor kit user instructions. Portacount Plus Operation and Service Manual. Ref: www.TSI.com HSE 282/28 paras 55,56,57 &58</i></p>

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit'– Syllabus November 2010

<p>4.2.4 Conduct a fit test</p>	<p>Perform a quantitative fit test using the Portacount Plus on an individual wearing an RPD.</p> <ul style="list-style-type: none"> • Brief wearers on the conduct, safety and test procedure • Observe donning of respirator and fit check • Maintain control of the wearer during the test • Observe the wearer and function of equipment throughout test • Record results • Clean equipment <p>Procedures if fit test fails:</p> <ul style="list-style-type: none"> • Investigate reason for fit test failure • Fit-plus hardware • Wearer 	<p>Demonstrates in depth understanding of and practical skill in how to perform a fit test. Demonstrating consideration for the safety of the wearer <i>HSE282/28 para 62</i> <i>Portacount Plus Operation and Service Manual Edition II.</i> <i>Ref: Fit-Plus software user manual version 3.</i> <i>Ref: www.TSI.com</i></p> <p><i>Ref: Portacount Plus Operation and Service Manual.</i> <i>Ref: Fit-Plus software user manual. RPD manufacturer user guide.</i> <i>Ref: www.TSI.com</i></p>
<p>4.2.5 Post fit test requirements</p>	<ul style="list-style-type: none"> • Close down the Portacount Plus and pack away. 	<p>Demonstrates an understanding and practical skill in how to closed down the Portacount Plus.</p> <p><i>Ref: Portacount Plus Operation and Service Manual.</i> <i>Ref: www.TSI.com</i></p>
<p>4.2.6 Portacount Plus maintenance</p>	<ul style="list-style-type: none"> • Perform user maintenance task on the Portacount Plus and N95 Companion as required • Requirements for calibration 	<p>Demonstrates an understanding of what user maintenance is required and the knowledge and practical skills required for carrying these out.</p> <p><i>Ref: Portacount Plus Operation and Service Manual.</i> <i>Ref: www.TSI.com</i></p>

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit'– Syllabus November 2010

4.2.7 Troubleshooting	An understanding of: <ul style="list-style-type: none"> • When a re-test is appropriate. • Examination of the facepiece. • What to communicate to wearer and employer. • Diagnose and rectify problems with the fit of the facepiece • Diagnose and rectify problems with the fit test equipment 	<i>Demonstrates knowledge of troubleshooting following manufacturers' instructions and general knowledge of test method. HSE282/28 paras 99, 100 and Appendix 1 Troubleshooting</i>
4.2.8 Interpretation of results	<ul style="list-style-type: none"> • Interpretation of results <ul style="list-style-type: none"> ○ Border line pass ○ Wearer generated particles ○ Out of trend pass fit factors 	
Method 3. Quantitative fit testing using a Particle Counting Device (TSI Portacount Plus Respirator Fit Tester) and the N95 Companion		
4.3.1 Set-up the Portacount Plus and N95 Companion ready for use	Portacount Pro+; Demonstrates capability to use built in N95 facility. Portacount + with N 95 companion; Demonstrates how to connect the N95 Companion to the Portacount Plus and set up the Fit-plus software ready for fit testing disposable FFP/ half mask: Knows how to set-up and operate the particle generator 8026.	Demonstrate knowledge and the skills required to set-up the Portacount Plus, together with the N95 Companion for fit testing filtering facepieces. <i>Ref: Portacount Plus Operation and Service Manual.</i> <i>Ref: N95 Companion Operation and Service Manual.</i> <i>Ref: Model 8026 Particle Generator Operation and Service Manual.</i> <i>Ref: www.TSI.com</i>

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit'– Syllabus November 2010

<p>4.3.2 Conduct a fit test</p>	<p>Perform a quantitative fit test using the N95 and portacount on an individual wearing an RPD.</p> <ul style="list-style-type: none"> • Prepare RPD for fit testing (4.2.4) • Brief wearers on the conduct, safety and test procedure • Observe donning of respirator and fit check • Maintain control of the wearer during the test • Observe the wearer and function of equipment throughout test • Record results • Clean equipment <p>Procedures if fit test fails:</p> <ul style="list-style-type: none"> • Investigate reason for fit test failure • Fit plus hardware • Wearer. 	<p>Demonstrate individual ability to perform a fit test.</p> <p><i>Ref: Portacount Plus Operation and Service Manual.</i> <i>Ref: Fit-Plus software user manual.</i> <i>Ref: Model 8026 Particle Generator Operation and Service Manual.</i> <i>Ref: N95 Companion Operation and Service Manual.</i> <i>Ref: www.TSI.com</i></p>
<p>4.3.3 Closedown hardware components and pack away.</p>	<p>Closedown Fit test station.</p>	<p><i>As above</i></p>
<p>4.3.4 Perform maintenance task on the Particle generator model 8026</p>	<p>Selection of particle generator model 8026 user maintenance task.</p>	<p>Prepare maintenance task for student:</p> <p><i>Ref: Model 8026 Particle Generator Operation and Service Manual. Ref: www.TSI.com</i></p>
<p>4.3.5 Perform maintenance task for the N95 companion</p>	<p>Selection of N95 companion user maintenance task Requirements for maintenance</p>	<p>Prepare maintenance task for student.</p> <p><i>Ref: N95 Companion Operation and Service Manual. Ref: www.TSI.com</i></p>

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit'– Syllabus November 2010

4.3.6 Troubleshooting	An understanding of: <ul style="list-style-type: none"> • When a re-test is appropriate. • Examination of the facepiece. • What to communicate to wearer and employer. • Diagnose and rectify problems with the fit of the facepiece • Diagnose and rectify problems with the fit test equipment 	<i>Demonstrates knowledge of troubleshooting following manufacturers' instructions and general knowledge of test method.</i>
4.3.7 Interpretation of results	<ul style="list-style-type: none"> • Interpretation of results <ul style="list-style-type: none"> ○ Border line pass ○ Wearer generated particles ○ Out of trend pass fit factors 	
Method 4. Controlled negative pressure (CNP)		
4.4.1 Knowledge of Controlled Negative Pressure Device (Fit Tester 3000)	An understanding of: <ul style="list-style-type: none"> • How the CNP functions and how it is used to measure the face fit with a tight-fitting facepiece. • Modes of operation. • The potential safety hazards 	<i>Ref: OHD operation and service manual.</i>
4.4.2 Equipment required	<ul style="list-style-type: none"> • CNP within calibration • Means of recording the instrument measurements e.g. computer and software • Suitable fit test adapter for CNP method and type of mask being fit tested 	<i>Demonstrates knowledge of what equipment is required</i>

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit'– Syllabus November 2010

<p>4.4.3 Test equipment preparation Set-up the CNP ready for use.</p>	<p>An understanding of:</p> <ul style="list-style-type: none"> • How to assemble the hardware • Measuring instrument checks (calibration etc) ensure they are saved on the system and a print out is saved to the records file. • Setting the appropriate negative test pressure • Setting up the appropriate test exercises and sample times • Checking the facepiece and user instructions • Using the correct pass/fail criteria <p>Configure the software and perform the following task:</p> <ul style="list-style-type: none"> • Select/create a user database • Populate the people database. • Populate the respirator database • Select the applicable protocol from the database. 	<p><i>Demonstrates knowledge of how to prepare the fit test equipment and the practical skills in setting up the equipment and database for recording the test</i></p> <p><i>Ref: OHD user operating manual</i></p> <p><i>Demonstrates use of the CNP instrument checks. Understanding of what it does, and remedial action which may be necessary</i></p>
<p>4.4.4 Prepare a RPD for fit testing using an adaptor</p>	<p>Use a suitable adaptor to prepare the RPD for fit test</p>	<p><i>Demonstrates practical skill in preparing RPD for fit testing.</i></p>

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit'– Syllabus November 2010

<p>4.4.5 Conduct a fit test</p>	<p>Perform a quantitative fit test using the FitTester 3000 on an individual wearing a tight-fitting face mask. Brief wearers on the conduct and safety and the test content</p> <ul style="list-style-type: none"> • Maintain control of the wearer during the test. (Note: For this method it is more essential that there is good communication between the wearer and the fit tester) • Monitor the wearer and function of equipment throughout the test to ensure correct application and breath holding during the test • Ensure that the start of the fit factor measurements, following each fit test exercise, and the point at which the wearer holds their breath are correctly synchronized. • Manage the fit test data <p>Procedures if the fit test fails</p> <ul style="list-style-type: none"> • Investigate reason for the fit test failure 	<p><i>Demonstrates in depth understanding of and the practical skills in how to perform a fit test.</i></p> <p><i>Demonstrates in depth knowledge of the requirements on the wearer during the fit test.</i></p> <p><i>Demonstrates consideration for the safety of the wearer.</i></p>
<p>4.4.6 Post fit test</p>	<p>Close down the equipment and store for safe transit</p>	<p><i>Demonstrate an understanding and practical skill in closing down the equipment</i></p>
<p>4.4.7 CNP user maintenance</p>	<p>Perform user maintenance task on the FitTester 3000 as required Requirements for calibration</p>	<p><i>Ref: OHD user operating manual Part number 9508-0344 revision A</i></p>
<p>4.4.8 Troubleshooting</p>	<p>An understanding of:</p> <ul style="list-style-type: none"> • When a re-test is appropriate • Examination of the facepiece • What to communicate to wearer and employer • Diagnose and rectify problems with the fit test equipment 	<p><i>Demonstrates knowledge of troubleshooting following manufacturers' instructions and general knowledge</i></p> <p><i>Ref: OHD user operating manual HSE282/28 paras 74 - 79</i></p>

BSIF RPE Fit Test Accreditation scheme 'Fit2Fit'– Syllabus November 2010

<p>4.4.9 Interpretation of results</p>	<p>Interpretation of results</p> <ul style="list-style-type: none"> • Border line pass • “Re-test advised” message • Out of trend pass fit factors • The effect of excessive negative test pressures • The effect of a short fit test time 	<p><i>Demonstrates knowledge of the circumstances which may influence the result of the tests.</i></p> <p><i>Demonstrates knowledge of the suitable corrective actions</i></p> <p><i>Ref: OHD user operating manual HSE282/28 paras 74 - 79</i></p>
<p>Method 5. Test chamber (BSEN136/BSEN140/BSEN149)</p>		
<p>4.5.1 Applicable quality and competence standards: UKAS/ISO 17025 accreditation ISO 9001 certification</p>		