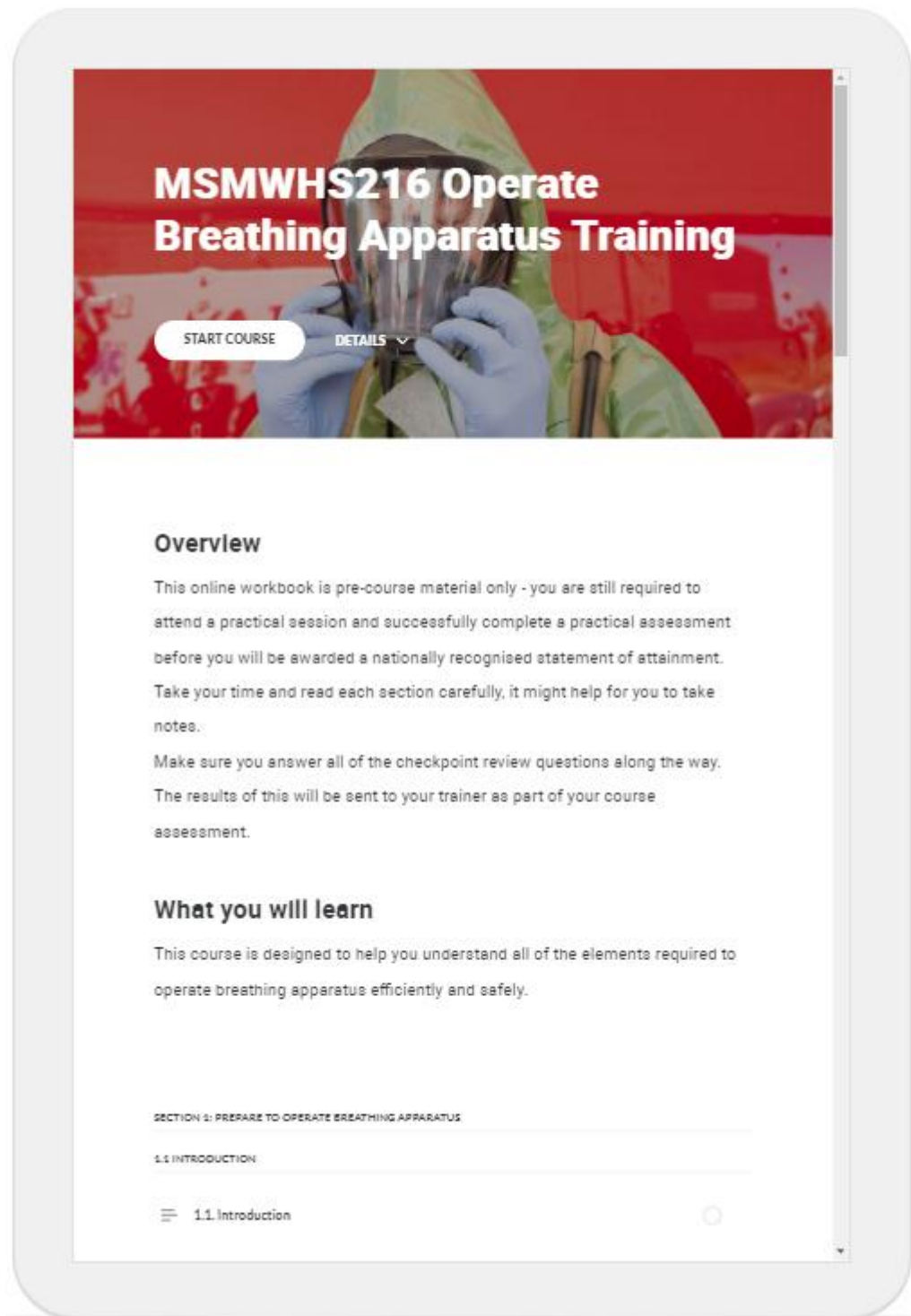


# MSMWS216 Operate Breathing Apparatus



The screenshot shows a tablet displaying a course page for 'MSMWS216 Operate Breathing Apparatus Training'. The header features a red background with a person in a green hazmat suit and blue gloves adjusting a breathing apparatus. Below the title are two buttons: 'START COURSE' and 'DETAILS'. The main content area has a white background and includes sections for 'Overview' and 'What you will learn'. At the bottom, there is a table of contents with 'SECTION 1: PREPARE TO OPERATE BREATHING APPARATUS' and '1.1 INTRODUCTION' highlighted.

## MSMWS216 Operate Breathing Apparatus Training

[START COURSE](#) [DETAILS](#)

### Overview

This online workbook is pre-course material only - you are still required to attend a practical session and successfully complete a practical assessment before you will be awarded a nationally recognised statement of attainment. Take your time and read each section carefully, it might help for you to take notes.

Make sure you answer all of the checkpoint review questions along the way. The results of this will be sent to your trainer as part of your course assessment.

### What you will learn

This course is designed to help you understand all of the elements required to operate breathing apparatus efficiently and safely.

SECTION 1: PREPARE TO OPERATE BREATHING APPARATUS	
1.1 INTRODUCTION	
1.1	Introduction



Lesson 1 of 57

## 1.1. Introduction

These resources are based on the unit of competency **MSMWS216 Operate Breathing Apparatus**.



You will learn about:

- Conducting pre-donning checks and tests on breathing apparatus.
- Operating breathing apparatus.
- Concluding operations in accordance with procedures.

CONTINUE

## 1.1.2. Irrespirable Atmospheres that Require Breathing Apparatus



Dusts, gases, fumes, mists and vapours are common hazards in workplace air. These can seriously affect the health of workers. For example, breathing in asbestos fibres can lead to asbestosis and lung cancer while crippling lung diseases can be caused by the inhalation of certain dusts.

Inhaling some chemicals, such as solvents, can damage many parts of the body including the brain. Welding fumes, smoke and mists from spray painting are also serious respiratory hazards and workers should be adequately protected from exposure to any of them.

Irrespirable atmospheres are atmospheres that are unfit for breathing, or are incapable of supporting life.

Irrespirable atmospheres include:

Heated Atmospheres



Asphyxiating Atmospheres



The image shows a tablet displaying a quiz interface. At the top left is a hamburger menu icon. The main content area has a 'Question' header, followed by a progress indicator '01/03' in orange. Below this is the question text: 'Section 1: Question 1 - Pick 3 components of an open-circuit breathing apparatus system.' A horizontal line separates the question from a list of five options, each preceded by an unchecked checkbox. The options are: 'Regulator and mask.', 'Distress signal unit.', 'Backplate and harness.', 'Pressure reducer and chest pressure gauge.', and 'Torch and key chain.' At the bottom center is a grey 'SUBMIT' button. A vertical scrollbar is visible on the right side of the content area.

Question

**01/03**

Section 1: Question 1 - Pick 3 components of an open-circuit breathing apparatus system.

☐ Regulator and mask.

☐ Distress signal unit.

☐ Backplate and harness.

☐ Pressure reducer and chest pressure gauge.

☐ Torch and key chain.

SUBMIT

Question

03/05

Section 1: Question 6 - What do you need to do to conduct a negative test on breathing apparatus?

- ☐ Block the end of the inhalation tube on the mask with the palm of your hand while trying to inhale.
- ☐ Block the end of the inhalation tube on the mask with the palm of your hand while trying to exhale.
- ☐ Ensure that the mask is on the ground, then perform the test.
- ☐ While breathing normally, place a finger under the edge of the facemask. This should create a high airflow from this point.

SUBMIT