

## Course Overview

The purpose of the DSAT Tec 50 Diver programme is to build on the knowledge from the Tec 45 course and to qualify students to make full technical deep decompression dives using two separate gases for accelerated decompression.

## Prerequisites

To enrol in the course, you must be 18 years old and be certified as a PADI Tec 45 Diver and PADI Rescue Diver – or equivalent. You must have proof of at least 100 logged dives, with at least 20 dives using EANx to deeper than 18m and at least 15 dives deeper than 30m.

## What's Involved

This course has three components: Knowledge development, practical application and open water dives. These will be scheduled to suit divers enrolled in each course, but typically will be run over two evenings and a weekend. The aim of the knowledge development and practical application sessions is to support the skills development and progression that is fundamental to developing your skills as a safe technical diver. By the end of this course you will be ready to do tackle highly challenging deep technical dives.

## Course Skills

Correct use of stage bottles, gas switching procedures, out-of-gas and other emergency scenarios, SMB deployment, buoyancy and trim, controlled descents and ascents, team protocols.

## Why Do the Course?

This course will appeal to experienced technical divers who wish to optimise their decompression strategy through the use of multiple gases. The course qualifies students to use stage bottles and a technical equipment configuration in order to complete accelerated decompression dives to a maximum depth of 50 meters using a combination of nitrox mixtures and 100% oxygen for decompression.

## What's Included

The course fee covers instructional time, gas costs, use of stage regs. and stage bottles and certification costs only. Students are expected to pay any boat costs required to complete the course, although shore dives can be used to minimise these costs.

## What You Need

This course must be conducted using manifolded twin cylinders. Students are required to have a redundant source of buoyancy, preferably a dry-suit, although a dual bladder wing is possible. The primary regulator must be on a long hose. Two stage cylinders and two stage regulators are also required.

## Student testimonials

*"Thorough, professional, challenging and enjoyable. Choosing an instructor who regularly undertakes deep technical dives was a godsend as the devil is in the details. Jamie knows all the tips and tricks."* [Mike M. – Auckland]

## Further Information

Enquires regarding this course may be directed to your local dive shop, or contact us direct by email: [info@techdivenz.com](mailto:info@techdivenz.com).



## Course Information

### Course Price

\$1,000 excl. gear  
\$1,150 inc. gear

### Prerequisites

PADI Tec45 or equivalent  
PADI Rescue or equivalent

### Student to Instructor Ratio

3:1 (maximum)

### No. Sessions

2 theory sessions  
1 pool session  
3 open water dives

### Mandatory Equipment

All DSAT courses have specific equipment requirements. Please contact your instructor for details

### Related Courses

PADI Advanced Wreck  
TDI Cavern



## SATISFACTION GUARANTEED!

We are so confident that we can improve both your knowledge and skills on a Techdive course that we offer a money back guarantee.\*

\* Full terms and conditions can be found on our website.

