



COMMERCIAL DIVE ACADEMY

ADAS & IMCA APPROVED COMMERCIAL DIVE COURSES



DIVING INFORMATION PACK

ADAS PARTS 1, 2 & 3

ABOUT CDA

The Commercial Dive Academy facility was initially set up by the Commonwealth Government in 1993 to meet the increasing demand for offshore Oil, Gas and Marine Divers. It was set up at the highest (world class) level as only Governments can afford to do.

Today, CDA is proud to offer the widest range of qualifications of any ADAS certified school. Offering from basic (beginner SCUBA) Diving to full Offshore Diving with Saturation / Closed Bell / Mixed Gas Diving accreditation. CDA is one of only two schools in the world to offer Closed Bell (saturation diving) diver training and is the only offshore training facility in the southern hemisphere with saturation diving capabilities.

CDA is also the only ADAS school capable of training life support technicians, offshore dive supervisors and offshore mixed gas / closed bell supervisors.



CDA - Beauty Point Training Facility

The Beauty Point Training Facility is home to the CDA head office, student classrooms and equipment storage. Diving to 30m takes place at this location.



CDA - Lake Cethana Dive Barge

Lake Cethana is the home of CDA Commercial Dive Barge. Diving to 50m (Part 3) and diving to 100m (Part 4) takes place here.

Our Team:

To set the benchmark in safety and efficiency in the marine, oil and gas industry, CDA employs the best in the game. With connections all over the world CDA has the ability to source the best tutors and dive specialist for all its courses.



Alan Strong: CDA Managing Director

Alan Strong holds over 30 years experience in the Diving, Oil and Gas industry. 18 of these have been as a tutor and assessment manager for ADAS.



Stephen Clark: CDA Tutor/Training Manager

Stephen Clark holds over 30 years experience in the Diving, Oil and Gas industry. Steve has been a tutor for ADAS, HSE and IMCA for 19 years.

ADAS - Part 1

Occupational SCUBA to 30m Qualification

Course Overview:

An Occupational Scuba to 30m Part 1 Certification is the first step in becoming a commercial diver. This course consists of both theory and practical work, and utilises scuba with bailout cylinders, full face masks and communication equipment. Theory is focused on safety, physiology, basic physics, technical drawing, observational skills, emergency and medical training. This course is limited to environments where there is direct access to the surface.

Successful completion of this course results in the following Vocational Education and Training (VET) qualification: **Certificate IV in Hyperbaric Operations (Occupational SCUBA diving)**. National Qualification Code: 11006NAT awarded by ADAS, RTO number 88104

Job Opportunities:

The Part 1 Certificate is designed to give you a fundamental understandings of the basic skills and requirements that will be needed to become a commercial diver. CDA's Part 1 Certificate is the perfect starting point for any aspiring commercial diver. Completion of this course gives you opportunities for employment in Police, Marine Archeology, Scientific Research, Media, and Engineering Inspection Diving. CDA Prides itself on its 100% Employment rate for 2018 & 2019, and will help in any way it can to aid in the employment process of a graduated student.

At CDA it is strongly recommended that an aspiring commercial diver look to complete all Core ADAS Part 1, 2 and 3 courses. These courses can be taken back to back and are offered as a combo course spanning a 12 week period.

DURATION: 4 Weeks

LOCATION: Beauty Point,
Brisbane

Online Theory: Yes

RELATED COURSES

- ADAS Restricted Occupational Scuba to 30m (Part 1R) - [Scientific]
- ADAS SSBA to 30m (Part 2)
- ADAS Restricted SSBA to 30m (Part 2R) - [Aquaculture]
- ADAS SSBA to 50m (Part 3)

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Ready to take the next step in your career?

Inquire online or contact CDA directly:

commercialdiveacademy.com/contact/

Or email:

info@commercialdiveacademy.com



ADAS - Part 2

SSBA to 30 Meters Qualification

Course Overview:

The ADAS SSBA to 30m Part 2 Certificate is the next step in becoming a commercial diver, and builds upon the fundamentals learned in Part 1. This course is conducted over a 4 week period and introduces the use of Surface Supplied Breathing Apparatus (SSBA) as the basis for underwater construction activities. A wide variety of construction tools are introduced including the use of welding and cutting equipment, pneumatic and hydraulic tools, salvage equipment, air and water dredging equipment, construction tools and other work related subjects to meet on shore diving industry requirements.

Successful completion of this course results in the following Vocational Education and Training (VET) qualification: **Certificate IV in Hyperbaric Operations (Surface-supplied diving to 30m). National Qualification Code 11006NAT awarded by ADAS, RTO number 88104**

Job Opportunities:

At the Part 2 Level of Certification there is a number of industries in shortage of qualified divers. The opportunities on offer to a ADAS Part 2 graduate can include jobs in dredging, water jetting, ship surveying and repair work in harbours, hull cleaning, irrigation and water quality projects, employment with salvage and construction companies, aquaculture—including aquaculture development, infrastructure projects—draining, water quality, marinas. Along with all those previously mentioned in Part 1.

CDA Prides itself on its 100% Employment rate for 2018 and 2019. We will help in any way it can to aid in the employment process of a graduated student.

SAVE \$\$\$

By completing our ADAS course combo (Part 1 + 2 + 3)
Please enquire for current pricing.



DURATION: 4 Weeks

LOCATION: Beauty Point,
Brisbane

Online Theory: Yes

RELATED COURSES

- ADAS SSBA to 50m (Part 3)
- ADAS Diver Medic Technician
- ADAS Life Support Technician
- ADAS Chamber Operator

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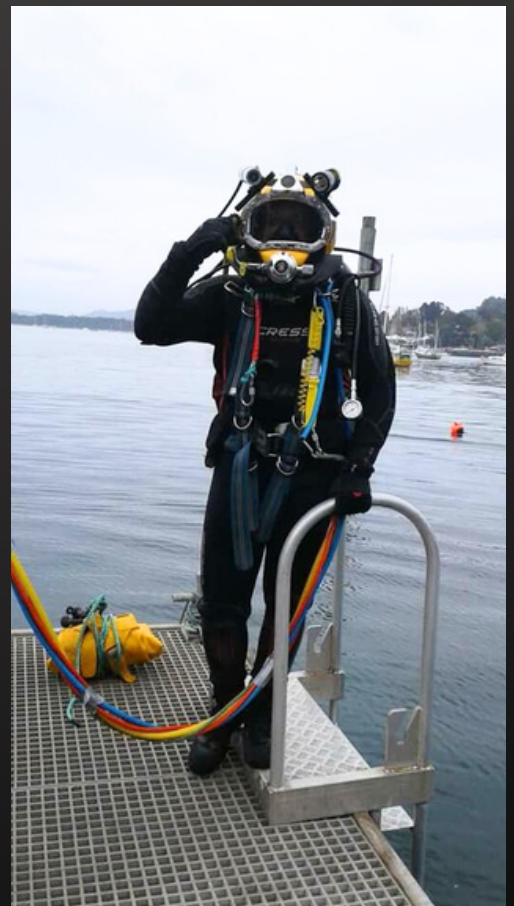
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ADAS - Part 3

SSBA to 50 Meters Qualification

Course Overview:

The ADAS SSBA to 50m Part 3 certificate extends beyond the scope of Part 2, with the maximum depth of diving extended to 50 meters using Surface Supplied Breathing Apparatus (SSBA). This course is conducted over a 4 week period and greatly increases a divers ability to operate under working situations and is designed to get a diver operating at an offshore industry level. Students at this level will be introduced to hyperbaric chamber operations, hot water suits, hot water generators, wet bells & hydraulic tools.

Successful completion of this course results in the following Vocational Education and Training (VET) qualification: **Certificate IV in Hyperbaric Operations (Surface-supplied diving to 50m). National Qualification Code 11006NAT awarded by ADAS, RTO number 88104**

Job Opportunities:

Offshore work is often the end goal for a commercial diver and an ADAS Part 3 certificate. There is employment opportunities in the oil and gas sector, and a growing number of opportunities in the alternative energy sector (Wind and wave powered farms). CDA is regularly contacted by large corporations seeking divers and will help its graduates with employment the best it can.

An ADAS Part 4 Certificate is the natural next progression for a Part 3 Diver, the Part 4 course can be completed after 12 months experience as a Part 3 commercial diver. A Part 4 Certificate gives the diver the ability to work in saturation diving, with depths exceeding 100 meters. The opportunities at this level are the most rewarding and highest paying.

At CDA we recommend all of our Part 3 graduates to consider completing their Part 4 Saturation Certificate once 12 months of experience is obtained at the Part 3 level.

SAVE \$\$\$

By completing our ADAS course combo (Part 1 + 2 + 3)
Please enquire for current pricing.



DURATION: 4 Weeks

LOCATION: Tasmania

Online Theory: In person only

RELATED COURSES

- ADAS SSBA to 50m (Part 3)
- ADAS Closed Bell Diver (Part 4)
- ADAS Diver Medic Technician
- ADAS Life Support Technician
- ADAS Chamber Operator

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Student Prerequisites:

Below is the student prerequisites based upon the the ADAS core courses (Part 1 - 2 - 3). Naturally it is required to hold the previous level certificate as a pre requisite for the following course.

1

Recreational Dive Certificate

For ADAS and IMCA Commercial Dive Courses you will need to demonstrate that you have reasonable diving abilities before the course, this will mean you need to hold a recreational diver certificate and 10 logged dives at a minimum. **Padi, Naui, SSI etc** are all accepted.

2

Dive Medical

You must hold a current commercial dive medical or letter from a hyperbaric doctor indicating that you are fit to dive. For ADAS the Medical you need is AS/NZ 2299.1.

3

First Aid & Oxygen Certificate

You must hold a first aid and oxygen administration / management certificate to attend the ADAS core course. The O2 and First Aid course can be attained during the commercial dive course in Launceston if you are unable to attain one before the course begins (subject to course availability). This will incur an additional cost.

4

Reasonable Swimming Ability

In an industry that is based on working in the water, it is expected you have the physical and swimming ability to handle a diving work environment. Swimming competence will be demonstrated by a student completing a 200m swim on the surface and by the student treading water for 10 min while fully clothed (i.e. wearing a long sleeved shirt and long pants).

5

Numeracy & Literacy Ability

It is not required to be a genius to complete the CDAs courses, although you will need to be able to understand written and verbal communication in **English**. You also need to be able to add, subtract, multiply and divide whole numbers. On the course you will learn how to solve simple formulas such as gas laws.

It is required that students complete the **ADAS online study** module relevant for their course.

Information regarding online study, can be found on the CDA blog.
www.commercialdiveacademy.com/adas-online-study/

What To Bring:

Students are required to bring their own gear when studying at CDA. Below is a list of gear to bring.

1

Dive Equipment

- Thick Wetsuit* (at least 8 mm is recommended)
- Gloves & Fins
- Booties

* For SSBA diving, a wetsuit without a hood may be more comfortable (as you will be wearing a bandmask/helmet).

2

Paper Work (Bring in person)

- All pre-requisite certifications. These must be originals (where possible) and need to be **sighted in person by your trainer**
- Dive logs

3

Personal Protection Equipment

- Steel cap boots
- Overalls and/or work-appropriate long sleeved top and pants
- Cotton clothing for chamber dive
- Work utility/safety gloves



4

Personal Belongings

- Pack for both seasons (Tasmania weather can be unpredictable so it is best to be prepared and bring some warm and cool clothes).
- Old clothing (clothing that you don't mind getting dirty in)
- Laptop or Tablet is required for the course.

Please Note:

Tasmania's water is quite cold so it is recommended that students wear thick wetsuits, either a one piece semi dry or two piece for ADAS Part 1 & Part 2, to ensure you're comfortable underwater.

Part 3 students are required to wear an under-suit when diving using hot water suits - a 3mm wetsuit suit is recommended.

A good wetsuit is an investment for a commercial diver. CDA currently sells **Cressi** wetsuits to students who are in need of a wetsuit when they arrive in Tasmania.

Cressi Fisterra Two Piece Wetsuit - 8mm Unisex



\$ 600.00 AUD

Due to the colder water in Tasmania a two piece wetsuit is recommended as it allows for double coverage over the torso giving the diver 16mm over the chest and back.

- Ideal Wetsuit for ADAS Part 1 & 2

- Double-lined, with nylon outside and Plush High Stretch inside.
- Made with double-thick neoprene to protect against the cold Tasmanian water while simultaneously allowing for good freedom of movement (8 mm for the chest, abdomen, and back, and 7 mm for the limbs and head).
- Water tight edges and Powertex reinforcement on the knees. Farmer John trousers Hooded jacket



Please let our staff know if you require a wetsuit

Cressi Fast Wetsuit - 3mm Mens



\$ 220.00 AUD

On **ADAS part 3** divers are introduced to hot-water suits when diving. To ensure maximum comfort it is recommended that divers wear a thin wetsuit to protect from discomfort caused by hot water.

Not only is this wetsuit ideal underneath a hot-water suit but a 3mm wetsuit is enough for most divers in the warmer months in southern Australian waters, and all year around in northern Australia you can use it all year round.

- One-piece 3 mm wetsuit in double lined neoprene
- Ultraspan neoprene on arms and calves Pre-shaped legs
- YKK Back Zip with under zip lining and water-stop system
- Anti-abrasion reinforcement on the knees



***We can also provide a Cressi Comfort 7mm wetsuit for \$700 AUD, on request. All wetsuits are subject to availability. Please notify us in advance of your course if you wish to purchase a wetsuit so we can confirm if we have your size available.*

CDA course fees exclude accommodation. We also have no CDA accommodation. Students are responsible for finding their own accommodation during the course, however, we have provided suggested accommodation below.

Accommodation Options - Part 1 & 2

Our Part 1 & 2 dive courses are delivered at Beauty Point, a small township approximately 45 minutes north of Launceston. There are accommodation options available in Beauty Point, including:

- Beauty Point Tourist Park (<https://beautypointtouristpark.com.au/>)
- Waterfront Hotel (<https://www.beautypointhotel.com.au/>)

There are also local Airbnb's which may be more suitable to your requirements.

Please note there will be no daily transport provided by CDA.



Accommodation Options - Part 3

CDA can offer a daily pick up and drop off to students staying in Sheffield town, and no more than 5 minute drive from our classroom.

Possible accommodation options that CDA can assist with daily transport from include:

- Sheffield Motor Inn (<https://www.sheffieldmotorinn.com.au/>)
- Sheffield Hotel (<https://www.shefieldtasmania.com.au/sheffield-hotel>)
- Kentish Hills Retreat (<https://www.kentishhills.com.au/>) (mention you are a Diver for a discounted rate)
- Sheffield Pioneer Holiday Units (<https://www.sheffieldholidayunits.com.au/>)
- Sheffield Cabins (<https://sheffieldcabins.com.au/>)
- True Blue Apartments (<https://www.trueblueapartments.com.au/>)

Additional accommodation options can be found:

- <https://www.shefieldtasmania.com.au/sheffield>
- Local Airbnb's
- [booking.com](https://www.booking.com)

CDA will provide all school related transport from our classroom located at unit 2, 36 Claude Road Sheffield to our saturation barge on Lake Cethana. Students are expected to make their own way to our classroom if booking accommodation outside of Sheffield town.



ADAS - Part 4

Closed Bell Diver Qualification

Course Overview:

An ADAS Part 4 Certificate is the natural next progression for a Part 3 Diver. It is the highest level of qualification offered by ADAS and is the final stepping stone to become a fully fledged commercial diver.

CDA has a saturation barge with diving capabilities up to 100m at Lake Cethana. This course duration is approx. 21 days where students will be introduced to saturation equipment and trained in closed bell diving and chamber complexes. The student will also complete one dive at approximately 100 meters.

Closed Bell Diving is the most advanced of all commercial diving, it is a diving technique that allows divers to reduce the risk of decompression sickness when working at great depths for long periods of time. Closed bell diving involves working and living in a pressurised environment either on land or underwater.

You also have the option of completing a Diver Medic Technician (DMT) course prior to the Part 4 course, at a discounted price (50% discount for Part 4 students).

Job Opportunities:

Graduates of this course will be qualified to work in the construction diving industry to a maximum of 300 meters. Not only does a student receive a Part 4 Certificate but also an ASLT Certificate which can open additional doors for job opportunities in the oil and gas sector.

Life Support Technicians are responsible for ensuring the safety of divers in decompression chambers or deep water saturation systems. Their duties include mixing breathing gases, making dive schedules and serving as the link between the diving supervisors and divers. As such their primary work is offshore as a vital member of any Closed Bell team.

Due to the high level of training and qualifications needed to become a saturation diver, divers who have successfully graduated from CDA with a Part 4 Certificate in Closed Bell Diving are in hot demand for high paying jobs, primarily offshore in the oil and gas sector.

**Please enquire for
current pricing**

email: info@commercialdiveacademy.com





More Information:

ADAS COURSE COMBO DATES

Dive courses are run year round, a complete course schedule can be found on our website:
<https://www.commercialdiveacademy.com/course-schedule/>

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FACEBOOK

Be sure to check out our Facebook Page to get an insight into CDA and what our students get up-to whilst studying.

www.facebook.com/CommercialDiveAcademy/