

# GUE Gas Blender

*"The essential tools of the trade"*

## Course Overview

The GUE Gas Blender course is designed to introduce students to the essential skills required for blending diving gasses. Training includes the theory of gas blending as well as practical skills required for blending gas.

The course is focused on instilling the correct procedures and practises for safe and efficient gas blending and is normally conducted during a one-day workshop.

All of the equipment required to conduct this class will be provided by your instructor.



## Course contents

- Gas properties and physics
- Oxygen risk
- Blending systems
- Partial pressure blending
- Continuous flow blending
- Blending formulas and software
- Standard gases
- Cascading and gas boosters
- Gas analysis and marking

Students are required to demonstrate proficiency with gas blending calculations, including remixes and to perform safe and accurate practical gas blending.



## Your Instructor

Jamie Obern is New Zealand's only GUE instructor and has been teaching GUE classes since 2009. He has been involved with GUE since 2005 and is a passionate advocate for GUE in New Zealand. As well as running GUE classes Jamie is also actively involved in GUE projects, both in New Zealand and overseas.

## Course details

- Time commitment: 1 day
- Pre-reqs: Non smoker
- Student to Instructor ratio: Max 6:1
- Qualification limits: Nitrox and trimix blending
- Cost: \$200, plus cert. fees paid directly to GUE.

*Please note this class does not cover oxygen cleaning or servicing, design and building of gas blending systems, visual inspection of cylinders or diving with mixed gases.*

