



General Training Standards, Policies, and Procedures

Change Log

Disclaimer: This Change Log was created to assist users of the GUE General Training Standards, Policies, and Procedures document in identifying the most important changes throughout the different versions. Despite the utmost care that has been taken in the creation of this Change Log, it is possible that some changes were missed or were left out deliberately in order to not overload the document. As such, it must be emphasized that the Change Log is a non-binding document and, if there is any inconsistency with the actual GUE General Training Standards, Policies, and Procedures document, the latter is the final authority.

Version 9.0, December 2018

- 1.3.2 Diver Assessment

Added underlined text:

- a. Has met the minimum standard required to be certified to pursue the type of diving for which they sought training. In order to meet this requirement, the trainee has to be awarded a grade 3 or above on every individual skill and has to pass the final exam, swim test, and breath hold test.

- 1.3.4 General Training Standards

Added/changed underlined text:

- c. Diving prerequisites established by the relevant course standards must be met before trainees can be registered for that class. Dives cannot be credited across curricula or across levels of a given curriculum. Unless otherwise specified in the course's Specific Training Standards, students may not participate in two courses at the same time.
- g. Critical skills, as defined in section 1.2.3 of this document, must first be conducted in a confined-water setting. Instructors can then vary the depth and/or location where skills are executed.
 - i. (...)
 - ii. "Air gunning" or simulating manifold failure is restricted to courses in the Technical and Cave curricula.
 - iii. Unless it is for safety reasons, instructors must never close a student's valve(s); only trainees themselves are allowed to close valve(s) at the prompting of their instructor.
 - iv. In the recreational and foundational curricula, any S-drill or OOG training is restricted to a maximum depth of 70 ft/21 m. It is up to the instructor to

reduce this limit when circumstances (e.g., environment, student capacity) require additional caution.

- I. During all diving activities, instructors must carry at least the same equipment as their students, as determined by the course-specific equipment requirements. Exclusions of equipment as determined by the course-specific equipment requirements apply to students only; instructors may never carry less than the complete GUE base equipment configuration as per Appendix A.

- **1.4 General Diving Standards**

Added underlined text. Removed crossed out text:

- b. (...) The END of a breathing gas is determined under the assumption that helium is the only non-narcotic component.
- c. (...) All rebreather dives must be terminated when any member of the team reaches “bailout minimum gas”; this requires that each diver carry an open-circuit supply that allows the diver ~~with the highest consumption to safely~~ reach the surface or another breathable gas supply.
- e. *Proper cylinder marking:*
 - iii. All stage/~~decompression~~ cylinders (except oxygen) must be marked with the appropriate MOD (in meters or feet) in approximately 3-inch/7.5-centimeter numbers.

- **1.6 Quality Control**

Changed underlined text. Removed crossed out text:

- a. Board of Directors (BOD)

- **1.6.4 Instructor Requalification**

Changed underlined text. Removed crossed out text:

(...) Instructors who fail to requalify within four years are rendered immediately inactive ~~and are required to return their instructor cards to GUE HQ.~~

(...)

(...) In such an event, GUE’s Director of Training or GUE’s Board of Directors may immediately suspend an instructor’s teaching privileges.

- **1.8 Complaints**

Changed underlined text:

GUE’s Director of Quality Control, Director of Risk Management, and Quality Control Board are responsible for handling complaints promptly and thoroughly. Following an investigation of a complaint, the Director of Quality Control, Director of Risk Management, and Quality Control Board will decide whether or not disciplinary or remedial action is warranted.

- **2. GUE Course Training Standards and Procedures**

Added/changed text as described below (in more than one specific course)

- “Backup mask” has been added to the Appendix A, has been removed from the equipment requirements of those courses that require it, and has been specifically excluded from those courses which do not require it.

- “Wetnotes” in Appendix A and in the exclusions of the equipment requirements of the relevant courses, has been changed into “wetnotes with pencils”
- Where equipment requirements mentioned “per diver”, this has been removed.
- Where equipment requirements mentioned “Primary and backup lights”, this has been replaced by “One primary and two backup lights”.
- **2.1.1 Discover Diving**
 - 2.1.1.4 Discover Diving Specific Training Standards
 Added underlined text:
 - All confined in-water activities must be directly supervised by a qualified GUE instructor or GUE assistant instructor who is solely responsible for determining a participant's capacity to participate in open water diving.
 Added new section. Adapted numbering accordingly:
 - All open water dives must be directly supervised by a GUE instructor.
 - b. 2.1.1.8.2 Underwater Skills
 Added/changed underlined text:
 - Controlled descent
 - g. Controlled ascent
- **2.1.2 Recreational Supervised Diver**
 - 2.1.2.1 Course Outcomes
 Added/changed underlined text. Removed crossed out text:

GUE’s Recreational Supervised Diver course is designed to provide students with sufficient knowledge, skill, and experience to dive in open water environments under the direct supervision of a dive professional. ~~Certified Recreational Supervised Divers may be able to count this training toward completion of Recreational Diver Level 1 if they wish to dive without leadership supervision.~~

(...)

 - a. Dive with a professional from a recognized training agency in a diver-to-dive-professional ratio not exceeding 3:1.
 - f. Use nitrox 32 under direct supervision of a dive professional from a recognized training agency who is certified to use nitrox 32.
 - c. 2.1.2.9 Equipment Requirements
 Added underlined text:

GUE base equipment configuration as outlined in Appendix A, plus:

 - Snorkel, simple in design, with no purge valves

(...)
- **2.1.3 Recreational Diver Level 1**
 - d. 2.1.2.9 Equipment Requirements
 Added underlined text:

GUE base equipment configuration as outlined in Appendix A, plus:

 - Snorkel, simple in design, with no purge valves

(...)

- **2.1.4 Recreational Diver Level 2**
 - e. 2.1.4.9 Equipment Requirements
 - Added section:
 - b. One primary light and two backup lights
- **2.1.5 Recreational Diver Level 3**
 - 2.1.5.1 Course outcomes
 - Removed crossed out text:
 - (...) the use of helium-enriched breathing mixes (~~30/30 and 21/35~~) to minimize narcosis, CO₂, gas density, and post-dive “nitrogen stress,” and (...)
 - 2.1.5.8 Required Dive Skills and Drills
 - Removed section:
 - Demonstrate proficiency in the use of touch contact communication during out-of-gas situations.
- **2.2.1 GUE Fundamentals Part 1**
 - 2.2.1.8 Required Dive Skills and Drills
 - Added section:
 - b. Demonstrate awareness of team member location and a concern for safety, responding quickly to visual indications and dive partner needs.
- **2.2.2 GUE Fundamentals Part 2**
 - 2.2.2.4 GUE Fundamentals Part 2 Specific Training Standards
 - Added underlined text:
 - f. Can be combined with GUE Triox Primer, as per the Triox Primer Instructor Guidelines document.
- **2.2.3 GUE Fundamentals**
 - 2.2.3.4 GUE Fundamentals Specific Training Standards
 - Added underlined text:
 - f. Can be combined with GUE Triox Primer, as per the Triox Primer Instructor Guidelines document.
- **2.2.6 Triox Primer**
 - 2.2.6.1 Course outcomes
 - Changed underlined text:
 - GUE’s Triox Primer is a course designed to teach divers the use of triox as a breathing gas in recreational diving.
 - 2.2.6.4 Triox Primer Specific Training Standards
 - Added/changed underlined text:
 - c. No overhead diving unless taught as part of a Cave Diver Level 1 or 2 course, as per the Triox Primer Instructor Guidelines document.
- **2.2.7 Doubles Primer**
 - 2.2.7.8 Required Dive Skills and Drills
 - Changed section:
 - d. Demonstrate an efficient valve drill with double tanks.

Removed section:

- e. Demonstrate an understanding of the role of each valve in relation to the function of the regulators attached to the manifold.

- 2.2.8 Drysuit Primer

- o 2.2.8.8 Required Dive Skills and Drills

Removed crossed out text:

- d. Demonstrate the ability to manage a drysuit inflation valve that is stuck in the open position ~~by disconnecting the inflation hose and dumping gas.~~

- Moved section

- o Diver Propulsion Vehicle Cave was moved to the cave curriculum (section 2.4.5)

- 2.2.10 Documentation Diver

- o 2.2.10.3 Course Content

Changed underlined text:

(...) It requires a minimum of four dives and at least thirty-two hours of instruction, (...)

- o 2.2.10.4 Documentation Diver Specific Training Standards

Changed underlined text:

- d. No overhead diving unless when taught by an Active GUE Cave 2 instructor.

- f. 2.2.10.8 Required Dive Skills and Drills

Added underlined text:

- p. Demonstrate proficiency in surface marker buoy deployment while using a spool.

- Added sections

- g. 2.2.11 Photogrammetry Diver

- h. 2.2.12 Scientific Diver

- 2.2.13 Gas Blender

- o 2.2.13.1 Course Outcomes

Added underlined text:

GUE's Gas Blender course is designed to introduce students to the essential skills required for blending diving gases (nitrox and helium-based breathing gases).

- o 2.2.13.6 Academic Topics

Removed section:

- Oxygen risk

Added section:

- e. Pressure hazards
 - f. Oxygen hazards and oxygen service

Added underlined text:

- l. Gas analysis and record keeping

- o 2.2.13.7 Practical Skills Topics

Added section:

- f. Use of gas booster (when available)

- 2.2.13.8 Required Skills and Drills

Added/changed underlined text

- b. Demonstrate safe and accurate gas blending practices (within +/- 1% O₂, +/- 3% He).
- d. Demonstrate accurate gas analysis, marking, and logging.

- 2.2.13.9 Equipment Requirements

Added section:

- e. Gas booster (optional)

- 2.3.1 Technical Diver Level 1

- 2.3.1.6 Academic Topics

Changed list

- 2.3.1.7 Land Drills and Topics

Changed section:

- c. Back gas regulators/valve failure modes and management

Added sections:

- g. Unconscious diver recovery
- i. Decompression gas sharing

- i. 2.3.1.8 Required Dive Skills and Drills

Added/changed underlined text:

- f. Demonstrate proficiency with proper ascents and descents, utilizing variable ascent rates and safe gas switching procedures.
- i. Demonstrate proficiency in gas failure procedures, including valve manipulation (fixable, non-fixable, and erroneous failures), gas sharing, and regulator switching as appropriate.
- n. Demonstrate proficiency in managing gas-sharing scenarios, including gas sharing on the bottom, gas sharing during ascent, and sharing decompression gas.

- 2.3.2 Tech 60

- 2.3.2.8 Required Dive Skills and Drills

Added/changed underlined text:

- g. Demonstrate proficiency with proper ascents and descents, utilizing variable ascent rates and safe gas switching procedures.

Removed section

- Demonstrate proper protocol when switching from one gas source to another.

- 2.3.3 Technical Diver Level 2

- 2.3.3.7 Land Drills and Topics

Added sections:

- c. Back gas and stage regulators/valve failure modes and management
- e. Unconscious diver recovery

- f. Decompression gas sharing
 - 2.3.3.8 Required Dive Skills and Drills
 - Added/changed underlined text:
 - f. Demonstrate proficiency with proper ascents and descents, utilizing variable ascent rates and safe gas switching procedures.
 - m. Demonstrate proficiency in gas failure procedures, including valve manipulation (fixable, non-fixable, and erroneous failures), gas sharing, and regulator switching as appropriate.
 - n. Demonstrate proficiency in managing gas-sharing scenarios, including gas sharing on the bottom, gas sharing during ascent, and sharing decompression gas.
 - j. 2.3.3.9 Equipment Requirements
 - Added section:
 - f. One stage leash with a double-ender
- Split section
 - k. Rebreather Diver was split into:
 - 2.3.5 Passive Semi-Closed Circuit Rebreather Diver
 - 2.3.6 Closed-Circuit Rebreather Diver Level 1
 - 2.3.7 Closed-Circuit Rebreather Diver Level 2
 - What follows are the relevant changes between the old section and each of the new sections.
- 2.3.5 Passive Semi-Closed Circuit Rebreather Diver
 - 2.3.5.9 Equipment Requirements
 - Added sections:
 - a. A GUE-approved semi-closed circuit rebreather
 - e. One primary and two backup lights
- 2.3.6 Closed-Circuit Rebreather Diver Level 1
 - 2.3.6.2 Prerequisites
 - Changed underlined text:
 - g. Have passed the GUE Tech 1 course.
 - h. Have conducted a minimum of 25 Tech 1 level dives beyond Tech 1 certification.
 - 2.3.6.3 Course Content
 - Changed underlined text:

The Closed-Circuit Rebreather Diver Level 1 course is normally conducted over six days. It requires a minimum of eight dives and at least forty-eight hours of instruction, (...)
 - 2.3.6.4 Closed-Circuit Rebreather Diver Level 1 Specific Training Standards
 - Removed crossed out text:
 - d. No overhead diving ~~except when taught by an Active GUE Cave 2 instructor.~~
 - Removed section:

- Students participating in a Rebreather course conducted in a cave environment must be at least GUE Cave 2 certified.
- 2.3.6.6 Academic Topics
 - Changed list
- 2.3.6.7 Land Drills and Topics
 - Changed list
- 2.3.6.8 Required Dive Skills and Drills
 - Added sections:
 - j. Demonstrate the ability to switch and maintain desired pO₂ setpoints electronically through a dive.
 - k. Demonstrate the ability to switch and maintain desired pO₂ setpoints manually through a dive.
 - Added/changed underlined text:
 - m. Demonstrate proficiency in safe diving procedures, including assembly and setup; rebreather pre-dive checklist; rebreather on-site checklist; CHAOS critical control checks and 5-minute pre-breathe; GUE-EDGE; flow check; in-water activity; and post-dive assessment, breakdown, and maintenance.
 - Removed sections:
 - Demonstrate ability to manage gas failures, including valve manipulation, gas sharing, and regulator switching as appropriate.
 - If appropriate for the class, demonstrate proficiency in removing and re-attaching stage and/or decompression cylinders while hovering horizontally.
 - If appropriate for the class, demonstrate the ability to comfortably switch gasses while maintaining good trim and neutral buoyancy.
- 2.3.6.9 Equipment Requirements
 - Added sections:
 - c. A GUE-approved closed-circuit rebreather
 - i. The closed-circuit rebreather used by the student, with all associated components, must be fully functional (pass all tests on the rebreather pre-dive checklist) and serviced according to manufacturer specifications.
 - ii. All oxygen sensors must be less than one year from manufacturing date.
 - iii. Both the rebreather controller and SOLO board must be updated with the latest software and firmware versions published by the manufacturer.
 - d. Spare parts and consumables, including one set of controller, HUD, and solenoid batteries; one oxygen sensor; and one DSV/BOV mouthpiece.
 - e. One primary and two backup lights

- f. Drysuit inflation system independent from back gas cylinders (if using a drysuit). If using a drysuit inflation cylinder attached to the backplate, extended inflation cylinder straps need to be used to ensure that it does not interfere with or restrict the counterlung's function.

Removed section:

- Bottom and/or decompression stages and stage regulators, where appropriate for training session.

- **2.3.7 Closed-Circuit Rebreather Diver Level 2**

- 2.3.7.1 Course Outcomes

Changed text

- 2.3.7.2 Prerequisites

Changed underlined text:

- g. Have passed the GUE Closed-Circuit Rebreather Diver Level 1 course.
- h. Have conducted a minimum of 50 closed-circuit rebreather dives beyond Closed-Circuit Rebreather Diver Level 1 certification. A minimum of 25 closed-circuit rebreather dives must be deeper than 30 m.

Added section:

- i. Own their own GUE-approved closed-circuit rebreather.

- 2.3.7.3 Course Content

Changed underlined text:

The Closed-Circuit Rebreather Diver Level 2 course is normally conducted over six days. It requires a minimum of eight dives and at least forty-eight hours of instruction, encompassing classroom lectures, land drills, and at least ten hours of in-water work.

- 2.3.7.4 Closed-Circuit Rebreather Diver Level 2 Specific Training Standards

Changed underlined text. Removed crossed out text:

- b. Maximum depth of 250 ft/75 m
- c. Dives must not be planned to incur more than 60 minutes of unadjusted decompression time, as established by GUE's DecoPlanner.
- d. No overhead diving ~~except when taught by an Active GUE Cave 2 instructor.~~

Removed section:

- Students participating in a Rebreather course conducted in a cave environment must be at least GUE Cave 2 certified.

- 2.3.7.6 Academic Topics

Changed list

- 2.3.7.7 Land Drills and Topics

Changed list

- 2.3.7.8 Required Dive Skills and Drills

Added sections:

- k. Demonstrate the ability to switch and maintain desired pO₂ setpoints manually throughout a dive.
- l. Demonstrate effective ability to connect and use off-board O₂ or diluent gas.
- m. Demonstrate effective ability to dive the rebreather in semi-closed mode.

Added/changed underlined text:

- n. Demonstrate proficiency in removing, rotating, and re-attaching stage cylinders while hovering horizontally.
- p. Demonstrate proficiency in safe diving procedures, including assembly and setup; rebreather pre-dive checklist; rebreather on-site checklist; CHAOS critical control checks and 5-minute pre-breathe; GUE-EDGE; flow check; in-water activity; and post-dive assessment, breakdown, and maintenance.

Removed section:

- Demonstrate effective valve management.

○ 2.3.7.9 Equipment Requirements

Added sections:

- c. A GUE-approved closed-circuit rebreather
 - i. The student must own their own GUE-approved closed-circuit rebreather before attending the course; they can, however, use a rented or borrowed unit during the course.
 - ii. The closed-circuit rebreather used by the student, with all associated
 - iii. components, must be fully functional (pass all tests on the rebreather pre-dive checklist) and serviced according to manufacturer specifications.
 - iv. All oxygen sensors must be less than one year from manufacturing date.
 - v. Both the rebreather controller and SOLO board must be updated with the latest software and firmware versions published by the manufacturer.
- d. Spare parts and consumables, including one set of controller, HUD, and solenoid batteries; one oxygen sensor; and one DSV/BOV mouthpiece
- e. One primary and two backup lights
- f. Three stage cylinders with stage regulators
 - i. Two decompression stages
 - ii. One bottom stage
 - iii. All stage regulators must have a low pressure inflator hose, allowing them to be connected to the rebreather manual addition valve (MAV).
- g. One stage leash with a double-end

- h. One primary reel per team
- i. Drysuit inflation system independent from back gas cylinders (if using a drysuit). If using a drysuit inflation cylinder attached to the backplate, extended inflation cylinder straps need to be used to ensure that it does not interfere with or restrict the counterlung's function.

Removed section:

- Bottom and/or decompression stages and stage regulators, where appropriate for training session.

- **2.4 Cave curriculum**

- In all cave courses' equipment requirements

Added section:

Excluding:

- a. Surface marker buoy with spool

- **2.4.1 Cave Diver Level 1**

- 2.4.1.7 Land Drills and Topics

Added sections:

- c. Back gas regulators and valve failure modes and management
- f. Unconscious diver recovery

- 2.4.1.8 Required Dive Skills and Drills

Added/changed underlined text:

- i. Demonstrate proficiency in cave navigation, including visual references, guideline use, limited and simulated zero visibility, and the use of a penetration reel over a distance of at least 120 ft/36 m from open water until the team ties into the main line.
- j. Demonstrate proficiency in gas failure procedures, including valve manipulation (fixable, non-fixable, and erroneous failures), gas sharing, and regulator switching as appropriate.
- k. Demonstrate proficiency during gas-sharing scenarios in limited and/or simulated zero visibility, over a distance of at least 300 ft/90 m.

- **2.4.2 Cave Diver Level 2**

- 2.4.2.1 Course Outcomes

Changed underlined text:

(...) Among its outcomes are: a focus on environmental awareness, capacity with extended penetration dives, advanced navigation, use of jump spools, enhanced team awareness, advanced problem resolution, stress management, and use of a bottom and decompression stage.

- 2.4.2.7 Land Drills and Topics

Added sections:

- c. Unconscious diver recovery
- d. Back gas regulator and valve failure modes and management
- e. Bottom and decompression stage usage (drops and pickups)
- f. Switching to and from a stage and decompression cylinders

- g. Bottom and decompression stage failure management

Changed underlined text:

- j. Guideline referencing skills

- 2.4.2.8 Required Dive Skills and Drills

Added/changed underlined text:

- i. Demonstrate proficiency in managing breathing system failures, including proper assessment and valve manipulation (fixable, non-fixable, and erroneous) with regulator switching as appropriate and bottom and decompression stage failure management.
- j. Demonstrate proficiency during gas-sharing scenarios, including decompression gas sharing.
- q. Demonstrate capacity with advanced cave navigation as outlined in Appendix B.
- t. Demonstrate the ability to use a stage cylinder with appropriate gas switching procedures during extended penetration cave dives.

Added section:

- r. Demonstrate capacity in planning for and dealing with minor and major restrictions.

Removed section:

- Demonstrate a comfortable demeanor while operating without a mask.

- 2.4.3 Underwater Cave Survey

- 2.4.3.9 Equipment Requirements

Removed crossed out text:

- c. One primary reel per team, ~~with a minimum of 300 ft/90 m of line~~

- New section

- 2.4.4 Cave Sidemount

- Moved section

- 2.4.5 Diver Propulsion Vehicle Cave was moved from the foundational curriculum

- 2.4.5 Diver Propulsion Vehicle Cave

- 2.4.5.9 Equipment Requirements

Added sections:

- a. GUE double tank configuration
- b. One primary and two backup lights
- c. One bottom stage with stage regulator
- d. One decompression stage with stage regulator
- e. One safety spool
- f. At least two jump spools
- g. One primary reel per team
- h. At least twelve line markers; six directional and six non-directional

- New section

- 2.4.6 Closed-Circuit Rebreather Cave Diver

- Changed structure

The content of former section “2.5 Instructor Curriculum” and former section “3. Instructor, Recreational Instructor Assistant, and Recreational Dive Leader Standards and Procedures” has been reorganized in the following new structure:

- 2.5 GUE Dive Professional Curriculum
 - 2.5.1 Dive Leader Training Course
 - 2.5.2 Assistant Instructor Training Course
 - 2.5.3 Instructor Training Course
 - 2.5.4 Instructor Trainer Development Course
- 3. GUE Dive Professional Standards and Procedures
 - 3.1 Dive Leader
 - 3.1.1 Qualifications
 - 3.1.2 Dive Leader Candidate Development
 - 3.1.3 Dive Leader Status
 - 3.2 Assistant Instructor
 - 3.2.1 Qualifications
 - 3.2.2 Assistant Instructor Candidate Development
 - 3.2.3 Assistant Instructor Status
 - 3.3 Instructor
 - 3.3.1 Qualifications
 - 3.3.2 Instructor Candidate Development
 - 3.3.3 Instructor Status
 - 3.3.4 Instructor Candidate Curriculum-Specific and Progression Prerequisites
 - 3.4 Instructor Trainer (IT)
 - 3.4.1 Qualifications
 - 3.4.2 Instructor Trainer Candidate Development
 - 3.4.3 Maintaining IT Rating
 - 3.5 Instructor Evaluator (IE)
 - 3.5.1 Qualifications
 - 3.5.2 Obtaining IE Rating
 - 3.5.3 Maintaining IE Rating

To better clarify the content changes within those sections, referrals to the old structure will be made when relevant.

- **New sections**
 - 2.5.1 Dive Leader Training Course
 - 2.5.2 Assistant Instructor Training Course
- **2.5.2 Assistant Instructor Training Course**
 - 2.5.2.2 Prerequisites

Added section:

- b. Must have been evaluated by a GUE IT or IE on personal diving skills, and must have scored a minimum of grade 4 on all components.
 - 2.5.2.6 Academic Topics and Performance Requirements (*formerly 3.8.3*)
 - In §1, added sections:
 - d. Teaching and diving with non-divers and beginners
 - g. GUE General Training Standards, Policies, and Procedures overview and exam
 - In §2, added/changed underlined text:
 - b. Professionalism (all components)
 - c. General teaching skills (all components)
 - d. General classroom performance
 - i. GUE overview
 - ii. Buoyancy and weighting
 - iii. Balance and trim
 - iv. Minimum decompression procedures
 - v. Dive planning
 - vi. Diving safety
 - e. Recreational curriculum classroom performance
 - i. Intro to scuba
 - ii. Boyle's Law
 - iii. Discover Diving presentation
 - 2.5.2.7 Required Field Drills (*formerly 3.8.4*)
 - Added section:
 - c. Basic 5 scuba skills
 - 2.5.2.8 Required In-Water Skills and Drills
 - Added/changed underlined text:
 - a. Buoyancy and trim
 - b. Propulsion and maneuvering: A minimum of two techniques are required, of which at least one must be a propulsion technique.
 - c. Basic 5 scuba skills
 - d. Debriefing (oral)
 - Removed sections:
 - S-drill (A)
 - SMB deployment (A)
 - Rescue skills (A); only unresponsive diver underwater rescue is required
 - Removed section: Rec 1 Skills (*formerly 3.8.6*)
 - 2.5.3 Instructor Training Course
 - 2.5.3.1 Course Outcomes
 - Added underlined text:

GUE's Instructor Training Course (ITC) is designed to develop qualified GUE instructors within relevant GUE curricula. After completing this

course, the instructor candidate will be qualified to pursue experience-based training requirements toward their first endorsement.

Undertaking the Instructor Training Course is an elementary part of the Instructor Candidate Development Process, as outlined in section 3.3.2.3.

- 2.5.3.2 Prerequisites

Added section:

- c. Must have been evaluated by a GUE IT or IE on personal diving skills, and must have scored a minimum of grade 4 on all components.

Added/changed underlined text:

- b. Fulfill the curriculum-specific instructor candidate prerequisites for the entry-level class of the curriculum in which they are seeking endorsement. These are listed in the respective curricula: Recreational (section 3.3.4.1.1), Foundational (section 3.3.4.2.1), Technical (section 3.3.4.3.1), and Cave (section 3.3.4.4.1).

- 2.5.3.3 Course Content

Added/changed underlined text:

The Instructor Training Course is normally conducted over seven days and requires at least sixty-three hours of instruction, encompassing classroom lectures, land drills, and in-water work. Some curricula may require more time, which is specified in each curriculum's ITC schedules.

- 2.5.3.6 Academic Topics

Added sections:

- b. Instructor's role, duties, and responsibilities as professional scuba educator and GUE representative in the diving industry
- c. Risk assessment and mitigation associated with GUE instructor duties and responsibilities
- h. Student evaluation process, administration, and minimum performance requirements

Added/changed underlined text:

- f. Briefing and debriefing strategies (including video analysis)
- g. Course structure and content, logistics, customer satisfaction management, time management, use of qualified assistants (includes use of video divers)

- Added section: 2.5.3.7 Required Dive Skills and Drills

- 2.5.4 Instructor Trainer Development Course

- 2.5.4.3 Course Content

Added underlined text:

The Instructor Trainer Development Course involves two days and a minimum of sixteen hours of instruction and leadership training during which candidates will engage in a (...)

- New title

- 3. GUE Dive Professional Standards and Procedures

- **3.1.2 Dive Leader Candidate Development**
 - 3.1.2.1 Dive Leader Candidate Prerequisites
Changed list
 - Added section: 3.1.2.2 Dive Leader Candidate Development Process
- **New section**
 - 3.1.3 Dive Leader Status
- **New title**
 - 3.2 Assistant Instructor (*formerly 3.8 Recreational Instructor Assistant*)
- **3.2.1 Qualifications (*formerly part of 3.8*)**

Added sections:

 - d. Conduct GUE Discover Diving programs in confined water with a reduced student-to-assistant-instructor ratio of 2:1 during land drills, surface exercises, and in-water training.
 - g. Act as an assistant instructor during GUE Recreational Diver Level 1, 2, and Fundamentals courses to gain progressive experience in teaching, evaluating, and theoretical knowledge in confined and open water as part of instructor candidate development.

Added/changed underlined text:

 - f. Act as a sanctioned video diver or safety diver during any class for which they are qualified to act as an instructor assistant, as determined by section 3.1.2.1, a and b.

Removed section:

 - Act as a dive guide, i.e., dive with GUE Recreational Supervised Divers in a 2:1 ratio, or with higher certification levels (up to one level below the assistant's GUE certification level) in a 3:1 ratio.
- **New section**
 - 3.2.2 Assistant Instructor Candidate Development
- **3.2.2 Assistant Instructor Candidate Development**
 - 3.2.2.1 Assistant Instructor Candidate Prerequisites (*formerly 3.8.1*)

Added underlined text:

 - b. Be certified, at a minimum, as a GUE Recreational Diver Level 2 or as a GUE Fundamentals diver. Neither of the classes need to have been taken using a double cylinder configuration. However, all fundamental skills, excluding those requiring a double cylinder configuration, must be at the Fundamentals - Technical level. Such skills include buoyancy and trim, propulsion and maneuvering, and primary light use.
 - c. Have conducted at least 200 dives; of these, 50 must have been in a GUE configuration and 50 must have been at a depth of at least 80 ft/24 m.

Removed section:

- Complete the internship requirement by observing – as a registered candidate – one entire GUE Fundamentals or GUE Rec 1 class (3.5.3, #1).
 - Earn component signatures from a GUE IT or IE, as specified in sections 3.8.3 through 3.8.6.
 - Submit final paperwork to GUE HQ (3.5.3, #4).
 - Added section:
 - 3.2.2.2 Assistant Instructor Candidate Development Process (*elements of this section were previously in 3.8.1*)
- **New section**
 - 3.2.3 Assistant Instructor Status
- **3.2.3 Assistant Instructor Status**
 - 3.2.3.1 Active Status Assistant Instructor (*formerly 3.8.9*)
 - Added sections:
 - 3.2.3.2 Sustaining Status Assistant Instructor
 - 3.2.3.3 Inactive Status Assistant Instructor
 - 3.2.3.4 Assistant Instructor Status Changes
- **New section**
 - 3.3.1 Qualifications
- **3.3.2 Instructor Candidate Development**
 - 3.3.2.1 Description (*formerly 3.5.1*)
 - 3.3.2.2 General Instructor Candidate Prerequisites (*formerly 3.5.2*)
 - Added underlined text. Removed crossed out text:
 - d. Possess a current BLS skills and procedures certification (includes emergency oxygen administration and handling).
 - e. Possess a ~~unconscious~~ diver rescue skills and procedures training certification (conscious and unconscious, underwater and surface management).
 - 3.3.2.3 Instructor Candidate Development Process (*formerly 3.5.3*)
 - Changed underlined text. Removed crossed out text:
 - a. Observe—as a registered candidate—one entire GUE entry-level class in the curriculum in which they are seeking credentialing. ~~Prior to undertaking an Instructor Training Course (ITC), a series of internships, or a combination of the two, registered instructor candidates must observe one complete GUE-sanctioned diving course run by an Active GUE instructor who has taught at least five classes in the given curriculum.~~
 - b. Undertake an Instructor Training Course (section 2.5.3)
- **3.3.3 Instructor Status (*formerly 3.1 to 3.4*)**
 - 3.3.3.1 Active Status Instructor
 - Added underlined text:

- j. Possess, and annually provide proof of, a current BLS skills and procedures certification (includes emergency oxygen administration and handling).
 - 3.3.3.4 Instructor Status Changes (*combines former sections 3.4.1 to 3.4.3*)

Added/changed underlined text. Removed crossed out text:

 - f. Meet the standards required to teach all courses for which they seek to be re-established in Active status.
 - j. Provide evidence of a current BLS skills and procedures certification (includes emergency oxygen administration and handling).
 - k. Provide evidence of ~~unconscious~~ diver rescue skills and procedures certification (conscious and unconscious diver, underwater and surface management).
- 3.3.4 Instructor Candidate Curriculum-Specific and Progression Prerequisites (*formerly 3.5.4*)
 - 3.3.4.1.1 Recreational Diver Level 1 Instructor Candidate Curriculum-Specific Prerequisites

Added/changed underlined text:

 - b. Be certified as a GUE Recreational Diver Level 2 or GUE Fundamentals diver. Neither of the classes need to have been taken using doubles. However, all fundamental skills, excluding those requiring a double cylinder configuration, must be at the Fundamentals - Technical level. Such skills include buoyancy and trim, propulsion and maneuvering, and primary light use.
 - e. Undertake a GUE Instructor Training Course (3.3.2.3, b).
 - 3.3.4.1.2 Recreational Diver Level 1 to Recreational Diver level 2 Instructor Progression

Added section:

 - c. Must submit final paperwork to GUE HQ (3.3.2.3, d).
 - 3.3.4.1.3 Recreational Diver Level 1 or 2 to Recreational Diver Level 3 Instructor Progression

Added section:

 - e. Must submit final paperwork to GUE HQ (3.3.2.3, d).

Removed section:

 - Must demonstrate competence using a drysuit.
 - 3.3.4.1.4 GUE Fundamentals, Cave, or Technical Instructor to Recreational Diver Level 1, 2, or 3 Instructor Progression

Added section:

 - d. Must submit final paperwork to GUE HQ (3.3.2.3, d).
 - New section:

3.3.4.1.5 GUE Fundamentals, Cave, or Technical Instructor to GUE Dive Leader Instructor Progression
 - 3.3.4.2.1 GUE Fundamentals Instructor Candidate Curriculum-Specific Prerequisites

Added/changed underlined text:

All GUE Fundamentals instructor candidates who are not yet Active status GUE instructors must:

- d. Have conducted at least 200 dives; of these, 50 must have been in a GUE configuration and 20 dives must have been in a GUE double tank configuration.
- f. Undertake a GUE Instructor Training Course (3.3.2.3, b).

Removed section:

- Demonstrate competence using a drysuit during the evaluation process.

○ 3.3.4.2.2 GUE Fundamentals Instructor Progression

Added section:

All GUE Fundamentals instructor candidates who are already Active status GUE instructors must:

- c. Have conducted at least 20 dives in a GUE double tank configuration.

Changed underlined text:

- e. Earn one endorsement from a GUE IE (3.3.2.3, c, iii).

Removed section:

- Must demonstrate competence using a drysuit during the evaluation process.

○ 3.3.4.2.3 Rescue, Navigation, or Triox Primer Instructor Progression

Added underlined text:

Active status GUE Rec 2 instructors are exempt from the above prerequisites. Active status GUE Rec 3 and GUE Tech 1 instructors are exempt from the above prerequisites for Triox Primer only.

○ 3.3.4.2.4 Doubles Primer Instructor Progression

Added section:

- b. Be certified as a GUE Technical Diver Level 1 or a GUE Cave Diver Level 1 diver.

Added underlined text:

- c. Earn one endorsement from a GUE IE (for recreational instructors only) by demonstrating an understanding of the GUE Doubles Primer program content and structure.

○ 3.3.4.2.5 Drysuit Primer Instructor Progression

Added underlined text:

- b. Earn one endorsement from a GUE IE (for recreational instructors only) by demonstrating an understanding of the GUE Doubles Primer program content and structure.

○ 3.3.4.2.6 Documentation Diver Instructor Progression

Added sections:

- b. Have taught at least three recreational or foundational classes.
- c. Be certified as a GUE Documentation Diver.

○ New sections:

- 3.3.4.2.7 Photogrammetry Diver Instructor Progression
- 3.3.4.2.8 Scientific Diver Instructor Progression
- 3.3.4.2.9 Diver Propulsion Vehicle Level 1 Instructor Progression
 - Added section:
 - d. Be certified as a GUE DPV 1 Diver
- Moved section:
 - Diver Propulsion Vehicle Cave was moved to the cave curriculum (section 3.3.4.4.6)
- 3.3.4.2.10 Gas Blender Instructor Progression
 - Added sections:
 - b. Be certified as a trimix gas blender from a recognized training agency.
 - c. Earn one endorsement from a GUE IE by demonstrating an understanding of the GUE Gas Blender program content and structure.
 - Removed section:
 - Be a certified gas blender instructor from a recognized training agency, or earn one endorsement from a GUE IE by demonstrating an understanding of the GUE Gas Blender program content and structure.
- 3.3.4.3.3 Technical Diver Level 2 Instructor Progression
 - Added section:
 - e. Register as a Tech 2 instructor candidate with GUE HQ.
 - Changed underlined text:
 - f. Intern—as a registered candidate—one GUE Tech 2 class.
 - g. Earn one endorsement from a GUE IE (3.3.2.3, c, iii).
- Split section. Rebreather Instructor Candidate Curriculum-Specific Prerequisites was split into:
 - 3.3.4.3.4 Passive Semi-Closed Circuit Rebreather Diver Instructor Progression
 - 3.3.4.3.5 Closed-Circuit Rebreather Diver Level 1 Instructor Progression
 - 3.3.4.3.6 Closed-Circuit Rebreather Diver Level 2 Instructor Progression
- 3.3.4.3.5 Closed-Circuit Rebreather Diver Level 1 Instructor Progression
 - Changed underlined text. Removed crossed out text:
 - a. Be an Active status GUE Tech 1 ~~or GUE Cave 1 instructor~~.
 - b. Have taught ten GUE Tech 1 ~~or GUE Cave 1~~ classes.
 - c. Be certified as a GUE CCR 2 diver.
- New section:
 - 3.3.4.3.6 Closed-Circuit Rebreather Diver Level 2 Instructor Progression
- 3.3.4.4.1 Cave Diver Level 1 Instructor Candidate Curriculum-Specific Prerequisites
 - Added section:
 - e. Register as a Cave 1 instructor candidate with GUE HQ.
- 3.3.4.4.2 Cave Diver Level 2 Instructor Progression
 - Added section:
 - f. Must register as a Cave 2 instructor candidate with GUE HQ.
 - Added/changed underlined text:

- g. Must intern—as a registered candidate—one GUE Cave 2 class.
 - h. Must earn one endorsement from a GUE IE (3.3.2.3, c, iii).
- 3.3.4.4.3 Underwater Cave Survey Instructor Progression
 - Added section:
 - c. Be certified as a GUE Underwater Cave Survey diver.
 - Changed underlined text. Removed crossed out text:
 - d. Have conducted at least 300 ~~documented~~ cave dives beyond Cave 2 certification.
 - g. Intern one GUE Underwater Cave Survey class.
- New sections:
 - 3.3.4.4.4 Closed-Circuit Rebreather Cave Diver Instructor Progression
 - 3.3.4.4.5 Cave Sidemount Instructor Progression
- Moved section:
 - 3.3.4.4.6 Diver Propulsion Vehicle Cave Instructor Progression was moved from the foundational curriculum
- 3.3.4.4.6 Diver Propulsion Vehicle Cave Instructor Progression
 - Changed underlined text. Removed crossed out text:
 - d. Have conducted ~~and documented~~ at least 500 cave dives beyond Cave 2 certification.
 - e. Have conducted ~~and documented~~ at least 100 cave dives using multiple stages and DPVs.
 - g. Intern one GUE DPV Cave class.
- **New title**
 - 3.4.1 Qualifications (*formerly 3.6.1 Rating*)
- **3.4.1 Qualifications**
 - Changed underlined text:
 - a. Conduct a GUE-approved ITC in the curricula for which they are credentialed.
- **Split section**
 - Prerequisites was split into:
 - 3.4.2.1 Instructor Trainer Candidate Prerequisites
 - 3.4.2.2 Instructor Trainer Candidate Development Process
- **3.4.2 Instructor Trainer Candidate Development**
 - 3.4.2.1 Instructor Trainer Candidate Prerequisites
 - Changed underlined text:
 - i. Have the support of GUE's BOD.
 - 3.4.2.2 Instructor Trainer Candidate Development Process
 - Changed underlined text:
 - Submit an Instructor Trainer Application Form to GUE's Board of Directors (BOD), outlining their reasons for pursuing this rating and their suitability for it.
 - Added sections:

- b. Be approved as an IT candidate by the BOD.
 - d. Assist as acting staff during at least one complete, uninterrupted GUE-approved Instructor Training Course (ITC).
- 3.4.3 Maintaining IT Rating
 - Removed section:
 - Reapplying for IT status every two years.
- New title
 - 3.5.1 Qualifications (*formerly 3.7.1 Rating*)
- 3.5.1 Qualifications
 - Changed underlined text:
 - a. Conduct a GUE-approved ITC in the curricula for which they are credentialed.
- 3.5.2 Obtaining IE Rating
 - l. 3.5.2.1 Prerequisites
 - Added sections:
 - d. Possess exemplary leadership-level administrative skills
 - e. Possess exemplary leadership-level educational skills
 - f. Demonstrate impartiality, equanimity, and sound judgment.
 - g. Always conduct themselves in a manner consistent with GUE General Training Standards, Policies, and Procedures, and that promotes the best interests of GUE.
 - Changed underlined text:
 - i. Have the support of GUE's BOD.
 - m. New section:
 - 3.5.2.2 Applying for IE Rating
- 3.5.3 Maintaining IE Rating
 - Added underlined text:
 - b. Demonstrating exemplary leadership-level administrative skills.
 - c. Demonstrating exemplary leadership-level educational skills.
 - Removed section:
 - Reapplying for IE status every two year
- Appendix A – GUE Base Equipment Configuration
 - Added section:
 - h. Backup mask
 - Added underlined text:
 - j. Wetnotes with pencils
 - k. Surface marker buoy (SMB) with spool; when required, the SMB should be appropriate for environmental conditions and deployed using a spool with at least 100 ft/30 m of line
 - n. In Additional Course-Specific Equipment, changed underlined text. Removed crossed out text:

- a. Where required, back gas and stage cylinders are marked in accordance with the GUE General Training Standards, Policies, and Procedures document and configured in line with GUE protocols. ~~They should be as close to neutral as possible with a relatively small swing from negative to positive during the use of the cylinder.~~
 - o. In Additional Course-Specific Equipment, removed section:
 - Surface marker buoy: when required, the SMB should be appropriate for environmental conditions and deployed using a spool with at least 100 ft/30 m of line.
 - One backup mask is required for some classes
- [New appendix](#)
 - o Appendix B – Advanced Cave Navigation