

DIN EN ISO 24806:2024-05 (E)

Recreational diving services - Requirements for rebreather diver training - Decompression diving to 60 m (ISO 24806:2023)

Contents	Page
European foreword	4
Annex C (informative) A-deviations	5
Foreword	6
Introduction	7
1 Scope	8
2 Normative references	8
3 Terms and definitions	8
4 Competencies	11
5 Prerequisites for training	11
5.1 General.....	11
5.2 Minimum age.....	11
5.3 Diving experience.....	11
5.4 Health requirements.....	11
6 Introductory information	12
7 Theoretical knowledge	12
7.1 Knowledge review.....	12
7.2 Rebreather basics.....	12
7.3 Function of rebreather components.....	12
7.4 Breathing performance using a rebreather.....	13
7.5 Rebreather assembly and checks.....	13
7.6 Gas supply duration	14
7.7 CO ₂ absorbent duration	14
7.8 Rebreather pre-water entry checks	14
7.9 Advanced decompression dive planning.....	14
7.10 Dive conduct.....	15
7.11 Identifying and reacting to potential issues.....	16
7.12 Hypercapnia, hypoxia and hyperoxia	17
7.13 Buddy and team diving procedures.....	17
7.14 Rebreather maintenance.....	17
7.15 Maintaining knowledge and skills	18
8 Practical skills	18
8.1 Skills review	18
8.2 General.....	18
8.3 Pre-dive procedures.....	18
8.4 Dive conduct.....	19
8.5 Emergency situations.....	20
8.6 Response to rebreather malfunctions.....	20
8.7 Post-dive procedures.....	21
9 Instructors	21
10 Training equipment and materials	21
10.1 Training equipment.....	21
10.2 Training materials.....	22

11	Practical training parameters	22
11.1	Training dives or in-water sessions.....	22
11.2	Instructor responsibilities.....	22
11.3	Rebreather dive leaders	23
11.4	Breathing gas limits.....	23
	11.4.1 Closed-circuit rebreather	23
	11.4.2 Semiclosed-circuit rebreather.....	23
12	Evaluation	24
12.1	Knowledge.....	24
12.2	Skill evaluation.....	24
12.3	Proof of qualification	24
	Annex A (informative) Gas density and gas mixtures	25
	Annex B (normative) Student crossover training programmes	26
	Bibliography	27