

DIN EN ISO 24804:2022-12 (E)

Recreational diving services - Requirements for rebreather diver training - No-decompression diving (ISO 24804:2022)

Contents		Page
European foreword	.....	4
Foreword	.....	5
Introduction	.....	6
1 Scope	.....	7
2 Normative references	.....	7
3 Terms and definitions	.....	7
4 Competencies	.....	9
5 Prerequisites for training	.....	10
5.1 General	.....	10
5.2 Minimum age	.....	10
5.3 Diving experience	.....	10
5.4 Health requirements	.....	10
6 Introductory information	.....	10
7 Theoretical knowledge	.....	10
7.1 Rebreather basics	.....	10
7.2 Function of rebreather components	.....	11
7.3 Breathing performance using a rebreather	.....	11
7.4 Rebreather assembly and checks	.....	12
7.5 Gas supply duration	.....	12
7.6 CO ₂ absorbent duration	.....	13
7.7 Rebreather pre-water entry checks	.....	13
7.8 Dive conduct	.....	13
7.9 No-decompression dives	.....	14
7.10 Identifying and reacting to potential issues	.....	14
7.10.1 General issues	.....	14
7.10.2 CO ₂ -related issues	.....	15
7.10.3 Actions to be taken	.....	15
7.11 Hypercapnia, hypoxia, hyperoxia	.....	15
7.12 Buddy system	.....	15
7.13 Rebreather maintenance	.....	15
7.14 Maintaining knowledge and skills	.....	16
8 Practical skills	.....	16
8.1 General	.....	16
8.2 Pre-dive procedures	.....	16
8.3 Dive conduct	.....	17
8.4 Emergency situations	.....	18
8.5 Post-dive procedures	.....	18
9 Instructors	.....	18
10 Training equipment and training materials	.....	18
10.1 Training equipment	.....	18
10.2 Training materials	.....	19

11	Practical training parameters	19
11.1	Training dives or in-water sessions	19
11.2	Instructor responsibilities	19
11.3	Rebreather dive leaders	20
11.4	Breathing gas limits	20
11.5	Closed-circuit rebreather and variants	20
11.6	Semiclosed-circuit rebreather and variants	20
12	Evaluation	20
12.1	Knowledge	20
12.2	Skill evaluation — Closed-circuit rebreather	20
12.3	Skill evaluation — Semiclosed-circuit rebreather	21
12.4	Proof of qualification	21
	Bibliography	22