

# DIN EN ISO 24804:2022-12 (E)

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

---

<b>Contents</b>		<b>Page</b>
<b>European foreword</b> .....		<b>4</b>
<b>Foreword</b> .....		<b>5</b>
<b>Introduction</b> .....		<b>6</b>
<b>1 Scope</b> .....		<b>7</b>
<b>2 Normative references</b> .....		<b>7</b>
<b>3 Terms and definitions</b> .....		<b>7</b>
<b>4 Competencies</b> .....		<b>9</b>
<b>5 Prerequisites for training</b> .....		<b>10</b>
5.1 General .....		10
5.2 Minimum age .....		10
5.3 Diving experience .....		10
5.4 Health requirements .....		10
<b>6 Introductory information</b> .....		<b>10</b>
<b>7 Theoretical knowledge</b> .....		<b>10</b>
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 <sub>2</sub> 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 <sub>2</sub> -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
<b>8 Practical skills</b> .....		<b>16</b>
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
<b>9 Instructors</b> .....		<b>18</b>
<b>10 Training equipment and training materials</b> .....		<b>18</b>
10.1 Training equipment .....		18
10.2 Training materials .....		19

<b>11</b>	<b>Practical training parameters</b> .....	<b>19</b>
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
<b>12</b>	<b>Evaluation</b> .....	<b>20</b>
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
	<b>Bibliography</b> .....	<b>22</b>