

# DIN EN ISO 24806:2024-05 (E)

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

---

<b>Contents</b>	<b>Page</b>
<b>European foreword</b> .....	<b>4</b>
<b>Annex C (informative) A-deviations</b> .....	<b>5</b>
<b>Foreword</b> .....	<b>6</b>
<b>Introduction</b> .....	<b>7</b>
<b>1 Scope</b> .....	<b>8</b>
<b>2 Normative references</b> .....	<b>8</b>
<b>3 Terms and definitions</b> .....	<b>8</b>
<b>4 Competencies</b> .....	<b>11</b>
<b>5 Prerequisites for training</b> .....	<b>11</b>
5.1 General.....	11
5.2 Minimum age.....	11
5.3 Diving experience.....	11
5.4 Health requirements.....	11
<b>6 Introductory information</b> .....	<b>12</b>
<b>7 Theoretical knowledge</b> .....	<b>12</b>
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 <sub>2</sub> 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
<b>8 Practical skills</b> .....	<b>18</b>
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
<b>9 Instructors</b> .....	<b>21</b>
<b>10 Training equipment and materials</b> .....	<b>21</b>
10.1 Training equipment.....	21
10.2 Training materials.....	22

<b>11</b>	<b>Practical training parameters</b> .....	<b>22</b>
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
<b>12</b>	<b>Evaluation</b> .....	<b>24</b>
12.1	Knowledge.....	24
12.2	Skill evaluation.....	24
12.3	Proof of qualification .....	24
	<b>Annex A (informative) Gas density and gas mixtures</b> .....	<b>25</b>
	<b>Annex B (normative) Student crossover training programmes</b> .....	<b>26</b>
	<b>Bibliography</b> .....	<b>27</b>