

DIN EN ISO 14002-2:2023-12 (E)

Environmental management systems - Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area - Part 2: Water (ISO 14002 -2:2023)

| Contents | Page |
|--|-------------|
| European foreword | 3 |
| Foreword | 4 |
| Introduction | 5 |
| 1 Scope | 9 |
| 2 Normative references | 9 |
| 3 Terms and definitions | 9 |
| 4 Planning actions | 11 |
| 4.1 General..... | 11 |
| 4.2 Understanding the organization and its context related to water..... | 11 |
| 4.2.1 Conduct a water-related review..... | 11 |
| 4.2.2 Review water-related environmental aspects and impacts..... | 12 |
| 4.2.3 Determine risks and opportunities that need to be addressed..... | 13 |
| 4.2.4 Establish a baseline..... | 14 |
| 4.2.5 Manage change..... | 14 |
| 4.3 Determine appropriate actions..... | 15 |
| 5 Taking action | 17 |
| 5.1 General..... | 17 |
| 5.2 Environmental objectives..... | 19 |
| 5.3 Support actions..... | 20 |
| 5.4 Operational controls..... | 20 |
| 5.4.1 General..... | 20 |
| 5.4.2 Types of control..... | 20 |
| 5.4.3 Life cycle perspective..... | 21 |
| 5.4.4 Emergency preparedness and response..... | 22 |
| 5.5 Performance action..... | 23 |
| 5.6 Unintended consequences of actions taken..... | 23 |
| 6 Evaluating the effectiveness of actions | 24 |
| 6.1 General..... | 24 |
| 6.2 Monitoring, measurement and analysis..... | 24 |
| 6.2.1 General..... | 24 |
| 6.2.2 Indicators of performance..... | 25 |
| 7 Improvement | 26 |
| Annex A (informative) Example of a public water utility — Ames Community Water system | 28 |
| Annex B (informative) Example of a dairy cooperative — Pavitra Dairy Ltd. | 32 |
| Annex C (informative) Example of a chemical facility — AB Chemical | 36 |
| Annex D (informative) Clarification of concepts | 41 |
| Bibliography | 42 |