

DIN EN ISO 22479:2022-08 (E)

Corrosion of metals and alloys - Sulfur dioxide test in a humid atmosphere (fixed gas method) (ISO 22479:2019)

| Contents | Page |
|--|-------------|
| European foreword | 3 |
| Foreword | 4 |
| Introduction | 5 |
| 1 Scope | 6 |
| 2 Normative references | 6 |
| 3 Terms and definitions | 6 |
| 4 Principle | 6 |
| 5 Apparatus | 6 |
| 6 Test specimens | 8 |
| 6.1 General | 8 |
| 6.2 Dimensions | 8 |
| 6.3 Preparation | 8 |
| 6.3.1 Metals and alloys | 8 |
| 6.3.2 Paints and varnishes | 8 |
| 6.4 Arrangement of the test specimens | 9 |
| 7 Test conditions | 9 |
| 7.1 Test cycles | 9 |
| 7.2 Test duration | 10 |
| 8 Procedure | 11 |
| 8.1 Introduction of water | 11 |
| 8.2 Arrangement of the test specimens | 11 |
| 8.3 Introduction of sulfur dioxide | 11 |
| 8.4 Heating the test cabinet | 11 |
| 8.5 Introduction of standard atmosphere | 11 |
| 8.6 Replacement of water and sulfur dioxide | 11 |
| 8.7 Cleaning of test specimens after test | 11 |
| 8.7.1 General | 11 |
| 8.7.2 Metals and alloys, metallic and non-organic coating test specimens | 11 |
| 8.7.3 Organic coating test specimens | 12 |
| 8.8 Performance check | 12 |
| 9 Evaluation | 12 |
| 10 Test report | 12 |
| Annex A (informative) Another example of a test cabinet | 14 |
| Annex B (informative) Performance check | 15 |
| Annex C (informative) Supplemental information | 17 |
| Bibliography | 19 |