

# ISO 7441:2015-01 (E)

## Corrosion of metals and alloys - Determination of bimetallic corrosion in atmospheric exposure corrosion tests

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Overview and comparison of methods .....	2
5	Preparation of specimens .....	3
5.1	Types of specimens .....	3
5.1.1	General .....	3
5.1.2	Rectangular plates .....	3
5.1.3	Wire on bolt .....	8
5.2	Number and marking of specimens .....	9
6	Exposure of specimens .....	9
7	Evaluation of specimens .....	10
7.1	General .....	10
7.2	Evaluation based on mass loss .....	10
7.3	Other evaluation methods applicable for rectangular plates .....	10
7.3.1	Evaluation based on visual examination .....	10
7.3.2	Evaluation based on mechanical properties .....	11
7.4	Calculation of bimetallic effect .....	11
8	Test report .....	12
Bibliography .....		14