

ISO 7054:2024-10 (E)

Corrosion of metals and alloys - Wiping method for measurements of gases and particles on real structures and equipment

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Introduction of general wiping method	2
5 Preparation	3
6 Wiping procedure	5
6.1 General.....	5
6.2 Wiping.....	6
6.3 Cautions for wiping.....	8
6.4 Extraction.....	8
7 Analysis	9
7.1 Soluble deposition concentration measurement method by detector tube.....	9
7.2 Soluble deposition concentration measurement method by ion chromatography.....	10
7.3 Soluble deposition concentration measurement method by other analysis devices.....	10
7.4 Insoluble deposition concentration measurement methods.....	10
8 Expression of results	10
8.1 Units of soluble and insoluble deposition concentrations.....	10
8.2 Expression of soluble deposition concentration result.....	10
8.3 Expression of insoluble deposition concentration result.....	11
9 Test report	11
Annex A (informative) Example of deposition measurement of different parts of real steel structure	13
Annex B (informative) Example of deposition measurement of real steel structures at different sites by season	15
Bibliography	17