

ISO/TR 9464:2008-05 (E)

Guidelines for the use of ISO 5167:2003

| Contents | Page |
|--|------|
| Foreword | iv |
| Introduction | v |
| 1 Scope | 1 |
| 2 Normative references | 1 |
| 3 Terms and definitions | 2 |
| 4 How the structure of this guide relates to ISO 5167:2003 (all parts) | 2 |
| 5 Guidance on the use of ISO 5157:2003 (all parts) | 2 |
| 5.1 Guidance specific to the use of ISO 5167-1:2003 | 2 |
| 5.2 Guidance specific to the use of ISO 5167-2:2003 | 8 |
| 5.3 Guidance specific to the use of ISO 5167-3:2003 | 23 |
| 5.4 Guidance specific to the use of ISO 5167-4:2003 | 24 |
| 6 Information of a general nature relevant to the application of ISO 5167:2003 (all parts) | 25 |
| 6.1 Secondary instrumentation | 25 |
| 6.2 Measurement of pressure and differential pressure | 27 |
| 6.3 Measurement of temperature | 31 |
| 6.4 Determination of density | 35 |
| 6.5 Electrical supply and electrical installations | 40 |
| Annex A (informative) Principles of measurement and computation | 41 |
| Annex B (informative) Computation of compressibility factor for natural gases | 57 |
| Annex C (informative) Orifice plate assembly | 59 |
| Bibliography | 68 |