

ISO 3580:2004-03 (E)

Welding consumables - Covered electrodes for manual metal arc welding of creep-resisting steels - Classification

| Contents | | Page |
|---|-------------------------------------|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Classification | 2 |
| 4 | Symbols and requirements | 3 |
| 5 | Mechanical tests | 10 |
| 6 | Chemical analysis | 11 |
| 7 | Fillet weld test | 11 |
| 8 | Retest | 12 |
| 9 | Technical delivery conditions | 12 |
| 10 | Examples of designation | 13 |
| Annex A (informative) Classification systems | | 14 |
| Annex B (informative) Description of chemical composition designators (classification by chemical composition) | | 16 |
| Annex C (informative) Description of chemical composition designators (classification by tensile strength and chemical composition) | | 17 |
| Annex D (informative) Description of types of electrode covering (classification by chemical composition) | | 18 |
| Annex E (informative) Description of types of electrode covering (classification by tensile strength and chemical composition) | | 19 |
| Annex F (informative) Notes on diffusible hydrogen | | 21 |