

ISO 11837:2011-07 (E)

Machinery for forestry - Saw chain shot guarding systems - Test method and performance criteria

| Contents | | Page |
|---------------------|--|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Terms and definitions | 1 |
| 3 | Test equipment | 2 |
| 3.1 | Test apparatus | 2 |
| 3.2 | Drive unit | 2 |
| 3.3 | Saw chain speed control | 2 |
| 3.4 | Drive shaft speed measurement | 2 |
| 3.5 | Saw chain tensioning system | 2 |
| 3.6 | Saw chain lubrication system | 2 |
| 3.7 | Saw chain stopping device | 2 |
| 3.8 | Protective cover | 2 |
| 4 | Cutting attachment | 2 |
| 4.1 | Guide bar | 2 |
| 4.2 | Drive sprocket | 3 |
| 4.3 | Saw chain | 3 |
| 5 | Reference panels | 3 |
| 6 | Pre-calibration of test arrangement | 3 |
| 7 | Assembly of saw chain shot guarding system in test rig | 4 |
| 7.1 | Position | 4 |
| 7.2 | Alternative positions | 4 |
| 7.3 | Obstacles | 5 |
| 8 | Test procedure | 5 |
| 9 | Total number of test runs | 6 |
| 10 | Performance requirements | 6 |
| 11 | Test report | 6 |
| Annex A (normative) | Saw chain stopping device | 8 |