

# ISO/TR 12391-1:2001-12 (E)

## Gas cylinders - Refillable seamless steel - Performance tests - Part 1: Philosophy, background and conclusions

---

| Contents  | Page      |
|---|-----------|
| <b>Foreword .....</b>                                 | <b>iv</b> |
| <b>Introduction .....</b>                             | <b>v</b>  |
| <b>1 Scope .....</b>                                  | <b>1</b>  |
| <b>2 References .....</b>                             | <b>1</b>  |
| <b>3 Terms and definitions .....</b>                  | <b>1</b>  |
| <b>4 Symbols and abbreviations .....</b>              | <b>2</b>  |
| <b>5 Background .....</b>                             | <b>2</b>  |
| <b>6 Considerations of fracture performance .....</b> | <b>6</b>  |
| <b>7 Flawed cylinder burst test procedure .....</b>   | <b>8</b>  |
| <b>8 Considerations of fatigue cycle test .....</b>   | <b>8</b>  |
| <b>9 Discussion of test data .....</b>                | <b>9</b>  |
| <b>Bibliography .....</b>                             | <b>12</b> |