

ISO 14744-3:2000-04 (E)

Welding — Acceptance inspection of electron beam welding machines — Part 3: Measurement of beam current characteristics

Contents	Page
Foreword	v
1 Scope	1
2 Normative reference	1
3 Terms and definitions	1
4 Test arrangement	1
4.1 General	1
4.2 Faraday cup and electrical connections	2
5 Measurement procedure	3
5.1 General	3
5.2 Current losses	4
5.3 Measuring the ripple	4
5.4 Measuring the stability	4
5.5 Measuring the reproducibility	4
6 Problems in measurement	5
7 Evaluation	5