

ISO 5117:2023-06 (E)

Automatic steam traps - Production and performance characteristic tests

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Test methods	2
4.1 Production test — Shell testing.....	2
4.2 Performance characteristic tests.....	2
4.2.1 Operational check.....	2
4.2.2 Minimum operating pressure.....	3
4.2.3 Maximum operating pressure (PMO).....	3
4.2.4 Maximum operating back pressure (PMOB).....	3
4.2.5 Air venting capability.....	3
4.2.6 Operating temperature (TO).....	3
4.2.7 Condensate capacity (QH or QC).....	3
4.2.8 Live steam loss.....	3
4.2.9 Determination of minimum operating pressure.....	3
4.2.10 Determination of maximum operating pressure.....	4
4.2.11 Determination of maximum operating back pressure.....	4
4.2.12 Determination of air venting capability.....	4
4.2.13 Determination of operating temperature.....	4
4.2.14 Determination of condensate capacity.....	4
4.2.15 Determination of live steam loss.....	4
5 Inspection	4
Annex A (normative) Test methods for the determination of discharge capacity	5
Annex B (normative) Test methods for the determination of steam loss	19
Bibliography	31