

# DIN EN ISO 5117:2024-09 (E)

## Automatic steam traps - Production and performance characteristic tests (ISO 5117:2023)

---

<b>Contents</b>	<b>Page</b>
European foreword .....	3
Foreword .....	4
Introduction .....	5
1 Scope .....	6
2 Normative references .....	6
3 Terms and definitions .....	6
4 Test methods .....	7
4.1 Production test -- Shell testing .....	7
4.2 Performance characteristic tests .....	7
4.2.1 Operational check .....	7
4.2.2 Minimum operating pressure .....	8
4.2.3 Maximum operating pressure (PMO) .....	8
4.2.4 Maximum operating back pressure (PMOB) .....	8
4.2.5 Air venting capability .....	8
4.2.6 Operating temperature (TO) .....	8
4.2.7 Condensate capacity (QH or QC) .....	8
4.2.8 Live steam loss .....	8
4.2.9 Determination of minimum operating pressure .....	8
4.2.10 Determination of maximum operating pressure .....	9
4.2.11 Determination of maximum operating back pressure .....	9
4.2.12 Determination of air venting capability .....	9
4.2.13 Determination of operating temperature .....	9
4.2.14 Determination of condensate capacity .....	9
4.2.15 Determination of live steam loss .....	9
5 Inspection .....	9
Annex A (normative) Test methods for the determination of discharge capacity .....	10
Annex B (normative) Test methods for the determination of steam loss .....	24
Bibliography .....	36