

ISO 19973-4:2007-08 (E)

Pneumatic fluid power - Assessment of component reliability by testing - Part 4: Pressure regulators

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Symbols and units	2
5	Test equipment	2
5.1	Basic test equipment	2
5.2	Directional control valve	3
5.3	Connecting piping	3
6	Test conditions	3
6.1	General test conditions	3
6.2	Inlet and outlet pressures	3
6.3	Pressure-cycle trace for the endurance test	3
7	Test procedure	3
7.1	Selection of test units	3
7.2	Timing of checks and measurements	3
7.3	Type and scope of checks and measurements	4
7.4	Endurance test	4
8	Threshold levels	5
8.1	General	5
8.2	Functional failure	5
8.3	Failure due to leakage	5
8.4	Failure due to pressure characteristics	6
9	Data analysis	6
10	Test report	6
11	Identification statement	6
Annex A (informative) Flow chart illustrating the test procedure specified in this part of ISO 19973 ...		7
Bibliography		8