

ALEXYS LC 100 Pump

Preventive maintenance checklist



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Identification

The undersigned certifies that he/she is trained and qualified to perform Preventive Maintenance on the LC 100 pump.

Performer:
Name Signature Initials

Company

Title:
(Anted Leyden representative trained and qualified to perform PM procedures)

The undersigned reviewer/customer accept that the above-mentioned engineer is trained and qualified to perform Preventive Maintenance on the LC 100 pump.

Reviewer/
Customer:
Name Signature Initials

Company:

Title:
(Owner-designated authorized person)

Instrument

- Identification p/n: s/n:
- Software revision

Test equipment

AC 100	Part number	.....
	Serial number	.....
	Calibration date	.....
<i>or</i>		
Line recorder	Model	.....
	Serial number	.....
	Calibration date	.....
Flow meter	Model	.....
	Serial number	.....
	Calibration date	.....
ALEXYS data system	Revision	.....
	

Verified by (customer):

Deviations (Y/N):

Comments:

Checklist

Refer to document no. 182.0026 LC 100 Preventive Maintenance Procedure, no. 182.0010 user manual and no. 182.0020 LC 100 service manual.

The following PM steps are performed:

Piston seals replaced	<input type="checkbox"/> OK	
Pistons inspected & cleaned	<input type="checkbox"/> OK	<input type="checkbox"/> replaced
Springs inspected & cleaned	<input type="checkbox"/> OK	<input type="checkbox"/> replaced
Piston wash seals replaced	<input type="checkbox"/> OK	
Support rings inspected & cleaned	<input type="checkbox"/> OK	<input type="checkbox"/> replaced
Kel-F rings replaced	<input type="checkbox"/> OK	
Silicone O-rings replaced	<input type="checkbox"/> OK	

The following performance tests are executed:

Test	Spec	Measured	Result
Pressure pulsations at 1 mL/min	< 3 %	%	<input type="checkbox"/> passed <input type="checkbox"/> failed
Flow deviation at 1 mL/min	< 3 %	%	<input type="checkbox"/> passed <input type="checkbox"/> failed
Flow deviation at 2 mL/min	< 3 %	%	<input type="checkbox"/> passed <input type="checkbox"/> failed

Verified by (customer):

Deviations (Y/N):

Comments:

