

ALEXYS LC 100 Pump

Preventive maintenance checklist



Edition 1, 2005

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Identification

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

	Perfo	mer:				
			Name		Signature	Initials
	Comp	any				
	Title:			(Anted Leyden rep	oresentative trained form PM procedure	l and
Т	he un	dersigne	d reviewer/c	ustomer accep	t that the above	e-mentioned
	•	er is trair) pump.	ned and qual	ified to perform	Preventive Ma	iintenance on the
	Revie Custo	mer	Name		Signature	Initials
	Comp	any:				
	Title:				ated authorized pers	
Instrumen	t					
		Identifica Software	ation p/n: e revision			

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Test equipment

AC 100	Part number	
7.0 100	Serial number	
	Calibration date	
or		
Line recorder	Model	
	Serial number	
	Calibration date	
Flow meter	Model	
	Serial number	
	Calibration date	
ALEXYS data system	Revision	

Verified by (customer):	Deviations	(Y/N):
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Comments:

Checklist

Refer	to	document	no. 1	82.0026	LC 100	Preventive	Mainte	enance F	Proce-
dure,	no.	182.0010	user	manual	and no.	182.0020 I	LC 100	service	manual.

The following PM steps are performed:

Piston seals replaced	□ ок	
Pistons inspected & cleaned	□ ок	replaced
Springs inspected & cleaned	□ ок	replaced
Piston wash seals replaced	□ ок	
Support rings inspected & cleaned	□ ок	replaced
Kel-F rings replaced	□ ок	
Silicone O-rings replaced	□ ок	

The following performance tests are executed:

Test	Spec	Measured	Result
Pressure pulsations at 1 mL/min	< 3 %	%	passed failed
Flow deviation at 1 mL/min	< 3 %	%	☐ passed ☐ failed
Flow deviation at 2 mL/min	< 3 %	%	☐ passed ☐ failed

Verified by (customer):	Deviations (Y/N):

Comments:

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Certification

Preventive maintenance on the LC 100 pump has been performed in accordance to document 182.0026 LC 100 preventive maintenance procedure and has been carried out to the satisfaction of both parties. After maintenance the residual pressure pulsation and the flow rate deviation of the LC 100 was tested and was found to be within specifications.

	Engineer initial/Date	
		 (dd.mm.yyyy)
	Customer Initial/Date	
	Cucionici milia, Date	 (dd.mm.yyyy)
Commer	nts	