


6 Maintenance procedures

	CAUTION! Maintenance work has to be done when engine is stopped.
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Quarterly or after 2000 operating hours, whatever comes first		
1	Check negative pressure in the measuring head: under 55 mmWC → adjust pressure between 55 mmWC and 65 mmWC → okay between 65 mmWC and 85 mmWC → adjust pressure over 85 mmWC → check pressure regulator unit	See chapter 3.1 page 30
2	Clean infrared filters in the measuring head	See chapter 5.2 page 41
3	Clean fresh air bores in the measuring head	See chapter 5.1 page 41
4	Exchange air filters in the measuring head	See chapter 5.3 page 42
Half-yearly or after 4000 operating hours, whatever comes first		
5	Perform quarterly maintenance procedure 1 - 4	
6	Exchange air filter in pressure regulator unit	See chapter 5.4 page 42
Yearly or after 8000 operating hours, whatever comes first		
7	Perform half-yearly maintenance procedure 5 - 6	
8	Clean suction system with compressed air. ATTENTION, do not forget to refill siphons!	See chapter 3 page 31/32
9	Check the bellows and the suspension-system between measuring head and base plate, check the scavenging air outlet behind the control cover (see Figure 44) by feeling the air stream to control scavenging air system	
10	Perform functional test with test glass	See chapter 7.1 page 51
Bi-yearly or after 16000 operating hours, whatever comes first		
11	An inspection of the entire OMD installation onboard has to be executed by service staff being trained and authorized for this job by Schaller Automation	
12	Perform functional test of entire OMD system with smoke	See chapter 7.2 Page 53
Additional every 5 years or 40000 operating hours, whatever comes first		
13	Exchange suspension-system and bellows	See chapter 5.6 page 45

