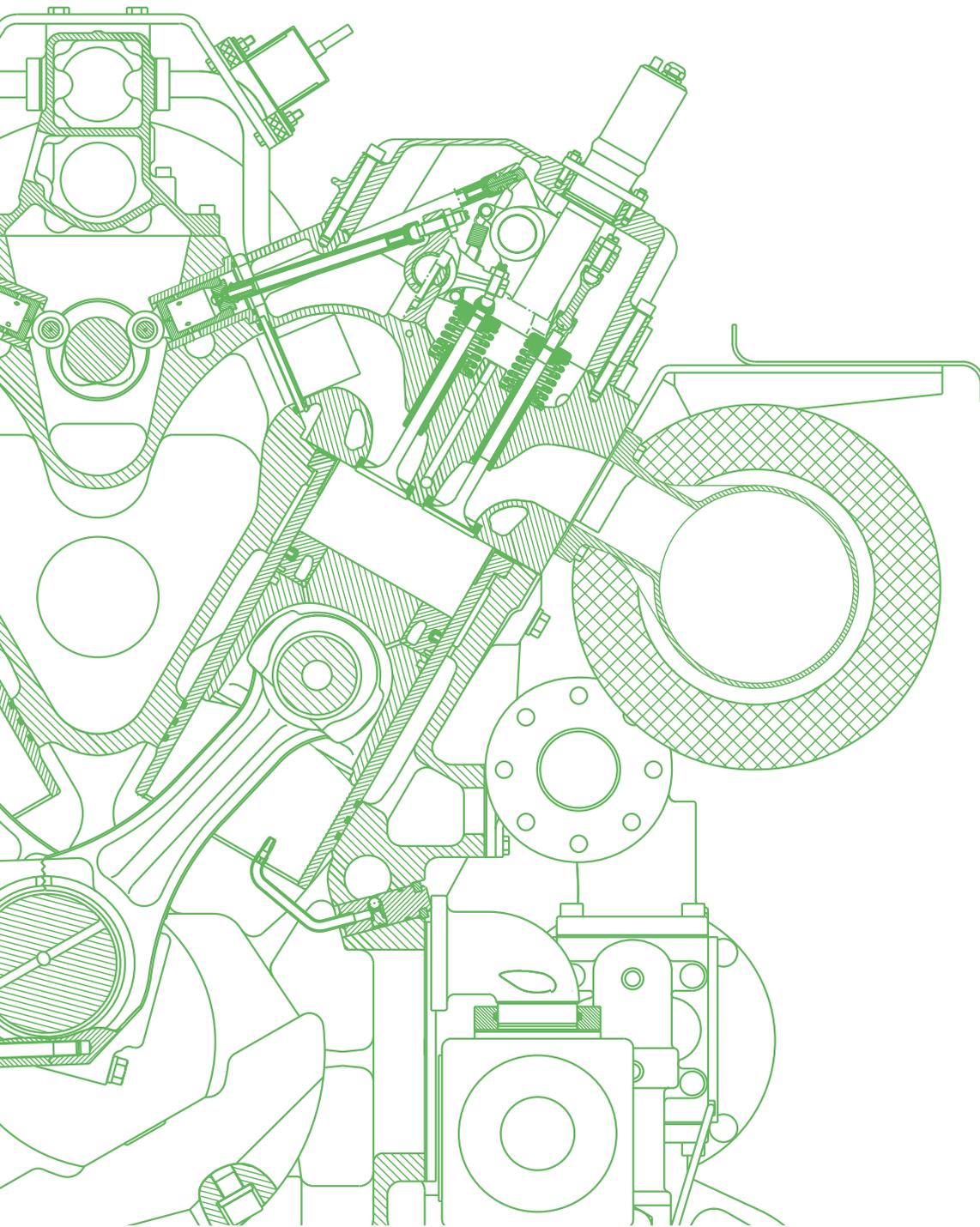




E 8057

Recording operational data

Operational data sheet – NO_x measurement



1 Emission limits

Module number:	
Engine number:	
Drawing number:	
Engine version:	

Description	Formula		Value	Unit ¹⁾	Comments
Nitrogen oxide	NOx	Nominal NOx value of version sold			
		Customer limit value			
		Setting at initial commissioning of plant			

- ¹⁾ Suggested units:
- mg/Nm³@3%O2-dry
 - mg/Nm³@5%O2-dry
 - mg/Nm³@15%O2-dry

2 Operational data sheet – NOx measurement

	Operating hours:		
	Unit	LEANOX measurement adjusted	LEANOX measurement adjusted
Checklist for exhaust gas test kit:			
Type of test kit	-		
Switched off exhaust-gas test kit acclimatised 1-2 hours at measurement location	yes/no		
Exhaust gas test kit flushed at least 0.5 hour with clean air and calibrated	yes/no		
Ambient temperature >5°C up to max. 40°C	yes/no		
Sample point defined	-		
Engine stabilisation criteria (half and full load)			
Engine stable at full and half load for 10 min before measurement	yes/no		
Max. power deviation <±1.5%	yes/no		
Max. engine cooling water fluctuation < ±1°C	yes/no		
Max. charge temperature fluctuation < ±1°C	yes/no		
Misfiring (misfire integrator is 0%)	yes/no		
Idyn <3.0%	yes/no		
Average IP stable (deviation <0.2°C/CA)	yes/no		
Emissions at FULL LOAD (100%)			
NO	ppm		
NO2	ppm		
O2	%		
CO	ppm		
NOx in mg (average value/fluctuation range)	mg/Nm ³ @5%O ₂ -dry		
Power (measured value, not parameter)	kW		
Charge pressure (measured value, not parameter)	bar(a)		
Charge temperature (measured value, not parameter)	°C		
Emissions at HALF LOAD (50%)			
NO	ppm		
NO2	ppm		
O2	%		
CO	ppm		
NOx in mg (average value/fluctuation range)	mg/Nm ³ @5%O ₂ -dry		
Power (measured value, not parameter)	kW		

Charge pressure (measured value, not parameter)	bar(a)		
Charge temperature (measured value, not parameter)	°C		
Emission measurement performed by (name/date):			
Signature:			

