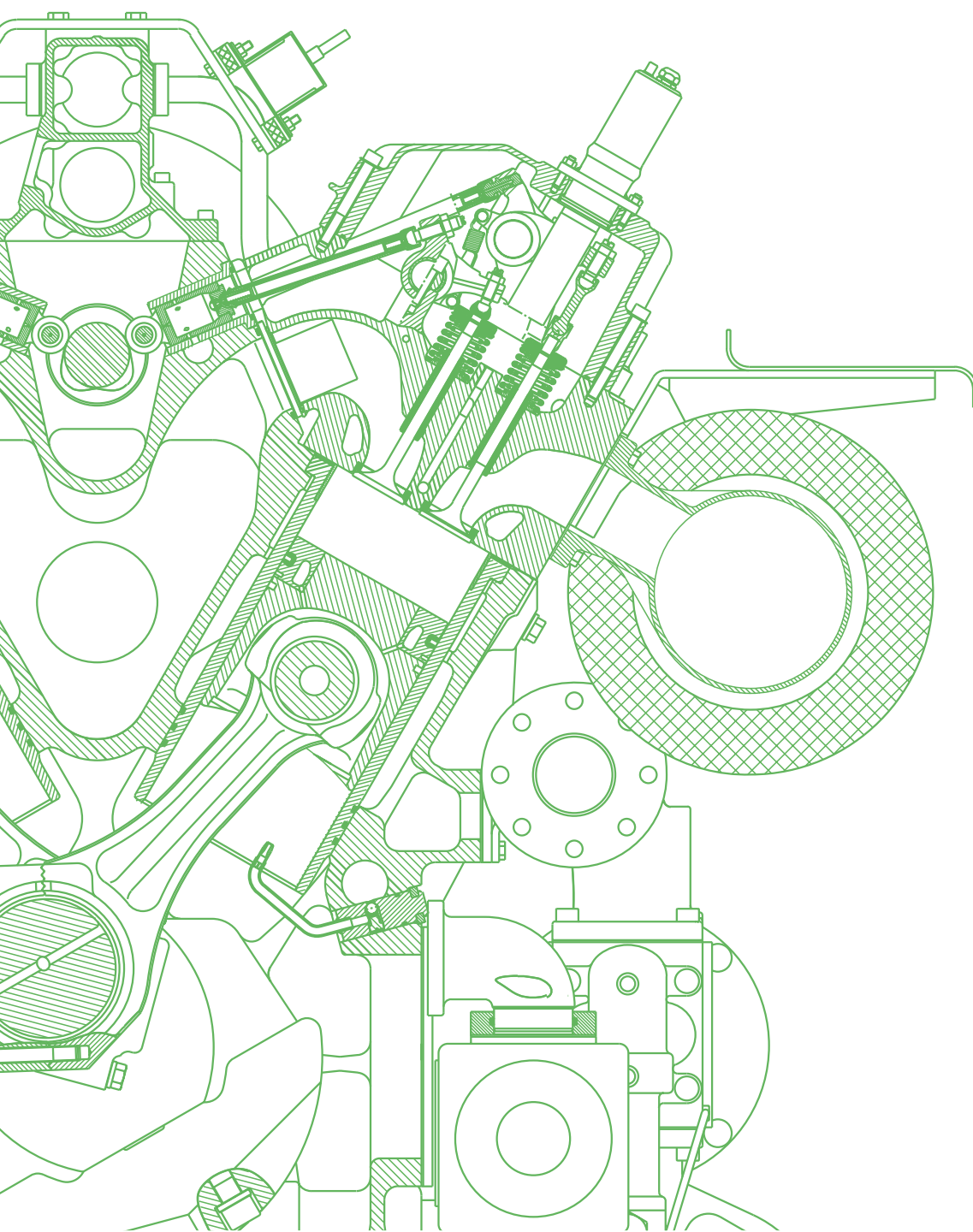


# E 8057

Recording operational data



## Operational data sheet – NO<sub>x</sub> measurement





## 1 Emission limits

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

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

<sup>1)</sup> Suggested units:

- mg/Nm<sup>3</sup>@3%O<sub>2</sub>-dry
- mg/Nm<sup>3</sup>@5%O<sub>2</sub>-dry
- mg/Nm<sup>3</sup>@15%O<sub>2</sub>-dry

## 2 Operational data sheet – NOx measurement

	Operating hours:		
	Unit	LEANOX measurement adjusted	LEANOX measurement adjusted
<b>Checklist for exhaust gas test kit:</b>			
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	-		
<b>Engine stabilisation criteria (half and full load)</b>			
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 A)	yes/no		
<b>Emissions at FULL LOAD (100%)</b>			
NO	ppm		
NO2	ppm		
O2	%		
CO	ppm		
NOx in mg (average value/fluctuation range)	mg/Nm³@5%O2-dry		
Power (measured value, not parameter)	kW		
Charge pressure (measured value, not parameter)	bar(a)		
Charge temperature (measured value, not parameter)	°C		
<b>Emissions at HALF LOAD (50%)</b>			
NO	ppm		
NO2	ppm		
O2	%		
CO	ppm		
NOx in mg (average value/fluctuation range)	mg/Nm³@5%O2-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:			

