



### Maintenance schedule - daily maintenance work

Interval	Number/Section	Inspection work	Note
Daily	I 9003 0	Daily inspection round	Visual inspection of the module to be carried out daily
Daily	IW 8072 A0	Intake air filter - engine	Checking the underpressure indicator
Daily	----	Operational data log	Daily record of the operational data
Daily	----	Generator	Record bearing temperature Visual Inspection








## Maintenance schedule - specific intervals

Interval	Number/Section	Inspection work	Note
Weekly < 250 oh	IW 0309 M0	Ignition voltage check / Spark plugs	The result of the ignition voltage check to be carried out weekly serves as the indicator for the actual service life of the spark plugs
The first time after 75 Oh	IW 0100 M2 TA 1000-0099A TA 1000-0099B TA 1000-0099C	Lubricating oil	Depending on the fuel gas class according to TA 1000-1109, the first engine lubricating oil analyses can also be carried out at a later stage according to TA 1000-0099C.
	TA 1100-1109	The results from the engine lubricating oil analyses dictate the actual measuring intervals and oil change periods.	
Once a month	TA 1000-0050	Battery	Check the acid level Check if the pole binders are properly secured
Monthly	IW 8040 A0	Container ventilation	Check end position switch triggering - louvre
Vacuum > 4 mbar (400 Pa)			If the manometer indicates an underpressure of > 4 mbar (400 Pa), replace the filter mats
Monthly	W 8065 A0	Flat-bed cooler	Check the flat-bed cooler
Annually			
Once a year or in accordance with official regulations	---	Gas and smoke alarm installation	Check (comply with official regulations)
According to W 8080 A0	W 8080 A0 TA 1000-0200 TA 1000-0201 TA 1000-0204	Cooling water	Concentration check / cooling water replacement
2,000 Oh at least 4 times a year	IW 8090 A0	Condensate drain line in the fuel gas system (if part of scope of supply) Automatic condensate removal	Check for gas leaks
		Manual condensate drain	
When required monthly	IW 8095 A0	Exhaust gas system condensate drain line	Check exhaust gas system condensate drain line
When required			
8,000 Oh At least once a year For natural gas only	IW 8049 0	All pipes and components carrying fuel gas and mixtures	Leak test




## 3.2 Maintenance schedule - specific intervals

Interval	Number/Section	Inspection work	Note
Six-monthly	---	Exhaust gas silencer	Check the exhaust silencer and connection pieces for scaling and cracking. Leaks can be determined through a change in colour or damage of the insulation (noise) or a slight emission of soot. <b>Repairs may only be carried out after consulting the manufacturer!</b>
10,000 Oh (or 4,000 engine starts)	W 8032 M0	Starter motor	Replace
30,000 Oh (or 4,000 engine starts)	W 8050 M0	Main crankshaft bearings	Crankshaft main bearings - replace
Every 2 years	----	Battery in DIANE module	Replace
Every 2.5 years	----	Buffer battery at battery charger	Replace
Measure the emissions as laid down by the official regulations or at least every six months	--- W 8056 M0	Emission measurement Combustion chamber cleaning	If the emission levels listed in the specification are exceeded, inspect and, if required, clean the combustion chambers.

 Proper maintenance according to the maintenance schedule is a condition for the acceptance of warranty claims. The risk assessment to be performed by the plant operator as well as the official and quasi-official safety rules and legislation may give rise to acceptance tests, inspections and maintenance operations that are not included in the maintenance schedule. The operator is responsible for implementing and enforcing these additional measures.

The maintenance intervals are based on empirical values during average types of operation while fully complying with the manufacturer's operating and maintenance instructions. In individual cases, the operating conditions and other factors relating to wear may affect the actual amount of maintenance required. The manufacturer therefore reserves the right to specify different maintenance intervals where appropriate.

 After the 'overhaul' at 60,000 operating hours, the maintenance work to be carried out is repeated.

