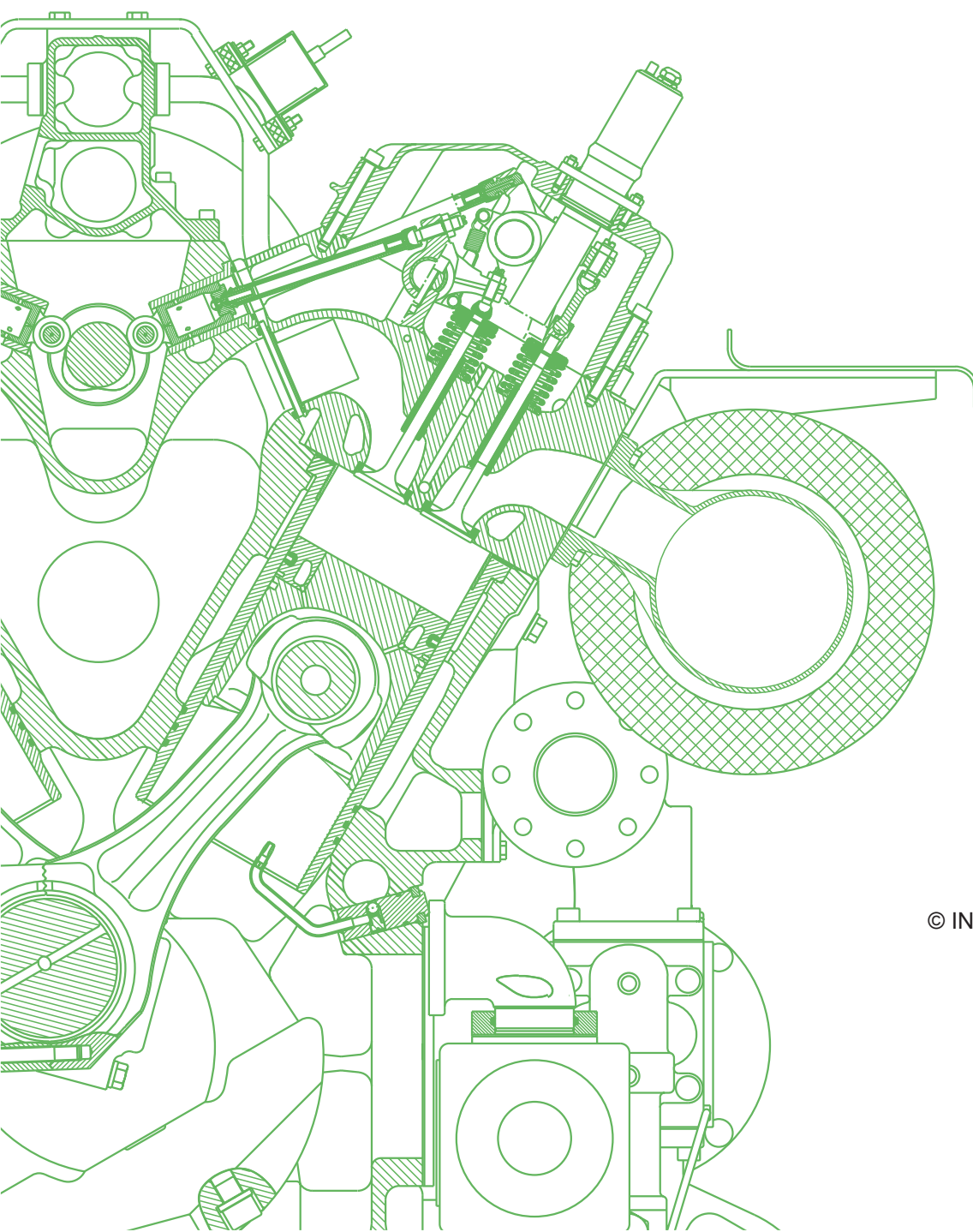




# Standard Maintenance schedule C Type 3



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**Maintenance instruction highlighted in green**

The maintenance instructions highlighted in green in the maintenance schedule are plant-specific and are incorporated into the customer-specific maintenance schedule according to engine type and version.

**Revision history**

Index	Date	Description / Revision summary	Expert <i>Auditor</i>
1	02.09.2019	First issue	<b>Technology</b> <i>Technology</i>

**The target recipients of this document are:**

Service partners, commissioning partners, subsidiaries/branches, Jenbach location

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**Note to warranty claims:**

Complying with TA 1100-0113 ensures a safe, quick and proper execution of every maintenance task.

The risk assessment to be performed by the plant operator and the official and quasi-official safety rules and laws may give rise to acceptance tests, inspections and maintenance operations which are not included in the Maintenance Plan. 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.

**NOTE****Damage to the engine**

Damage to the engine may result if the intervals in the maintenance schedule are not followed precisely. Observe intervals related to the condition and starts, or intervals not to the operating hours.

The maintenance instructions highlighted in colour in the maintenance schedule are plant-specific and are incorporated into the customer-specific maintenance schedule according to engine type and version.

inspect	Wear parts and tolerances will be evaluated by INNIO and / or a company selected and authorized by INNIO, and may be changed as required as part of preventive maintenance. Seals require replacement due to disassembly of components for inspection.
replace	Indicates a scheduled preventive part exchange based on operating hours, time or starts.
overhaul	Parts will be disassembled, overhauled (cleaned, wear parts changed etc.) and assembled again.
c (condition-based)	The inspect-, replace-, and overhaul interval is condition based.
s (start-dependent)	The inspect-, replace-, and overhaul interval is start dependent.
t (time-dependent)	The inspect-, replace-, and overhaul interval is time dependent.
z (Thermal cycle)	The inspection, replacement or overhaul interval depends on the thermal cycle. A thermal cycle is defined as heating up to operating temperature and then cooling down to a defined temperature for the component in question. If the operating temperature is reached again before cooling down to below the limit temperature has taken place, there is no thermal cycle.
K	This activity is to be carried out by the customer, INNIO or a company selected and authorised by INNIO to carry out this work.
INNIO	This activity is to be carried out by INNIO or a company selected by INNIO authorised to carry out this work.
WA	Reference for the maintenance instruction.
I	A maintenance instruction which contains only inspection working tasks.
W	A maintenance instruction which contains only replacement / overhaul working tasks.
IW	A maintenance instruction which contains inspection and replacement / overhaul working tasks.
Oh	Operating hours



The line in the maintenance plan after the maintenance <100 Oh is shown as thicker. This line marks the difference between one-off intervals or intervals not related to operating hours, and intervals which have to be repeated after a certain number of operating hours.

The detailed **description of the time-, start- and condition-based intervals** can be found in the chapter maintenance interval in the respective **maintenance instruction**.

If a maintenance step depends on two different factors, for example operating hours and starts, the maintenance step need only be carried out once when a limit value is reached. After the maintenance step has been carried out, both limit values start counting again from the beginning.

c- Condition-dependent		t- Time-dependent		s- Start-dependent		c		t		s		every 1,000 Oh		1,000 Oh		2,000 Oh		3,333 Oh		4,000 Oh		6,000 Oh		6,666 Oh		8,000 Oh		10,000 Oh		12,000 Oh		13,333 Oh		14,000 Oh		16,000 Oh		16,666 Oh		18,000 Oh		20,000 Oh		22,000 Oh		23,333 Oh		24,000 Oh		26,000 Oh		26,666 Oh		28,000 Oh		30,000 Oh		32,000 Oh		33,333 Oh		34,000 Oh		36,000 Oh		36,666 Oh		38,000 Oh		40,000 Oh		41,000 Oh		42,000 Oh		43,333 Oh		44,000 Oh		46,000 Oh		46,666 Oh		48,000 Oh		50,000 Oh		52,000 Oh		53,333 Oh		54,000 Oh		56,000 Oh		56,666 Oh		58,000 Oh		60,000 Oh		62,000 Oh		63,333 Oh		64,000 Oh		66,000 Oh		66,666 Oh		68,000 Oh		70,000 Oh		72,000 Oh		73,333 Oh		74,000 Oh		76,000 Oh		76,666 Oh		78,000 Oh		80,000 Oh	
Inspection		I 0103 0																																																																																																																															
⇒ Checking engine connection in myPlant																																																																																																																																	
⇒ Inspecting the thermal reactor																																																																																																																																	
⇒ Inspecting the exhaust gas/water heat exchanger																																																																																																																																	
⇒ Inspecting the crankcase ventilation																																																																																																																																	
⇒ Inspecting the mixture/water heat exchanger																																																																																																																																	
Grid Code		I 8030 0																																																																																																																															
⇒ Inspecting the generator, engine and building																																																																																																																																	
⇒ Checking the coupling and voltage regulator																																																																																																																																	
Daily inspection		I 9003 0																																																																																																																															
⇒ Inspecting the system																																																																																																																																	
Leak test		IW 8049 0																																																																																																																															
⇒ Carrying out the leak test																																																																																																																																	
Surge arrester in the Junction Box		IW 8029 A0																																																																																																																															
⇒ Checking and cleaning the surge arrester																																																																																																																																	
⇒ Measuring capacitance																																																																																																																																	
⇒ Replacing the unit																																																																																																																																	
Jenbacher Control cabinet		IW 8031 A0																																																																																																																															
⇒ Replace the rubber buffer and filter mat																																																																																																																																	
⇒ Inspect and clean filter fan including filter mat																																																																																																																																	
⇒ Inspect and clean the interior of the control cabinet																																																																																																																																	
⇒ Inspect and clean the cooling device for the control cabinet																																																																																																																																	
Container		IW 8040 A0																																																																																																																															
⇒ Replacing the container intake air filter																																																																																																																																	
⇒ Checking the louvre shutters																																																																																																																																	
⇒ Tightening the bolted joints																																																																																																																																	
Intake air filter		IW 8041 A0																																																																																																																															
⇒ Replace filter mat																																																																																																																																	
⇒ Replace rubber buffers																																																																																																																																	
Surge arrester		IW 8047 A0																																																																																																																															
⇒ Checking the surge arrester																																																																																																																																	
Overvoltage deflector		IW 8048 A0																																																																																																																															
⇒ Checking the overvoltage deflector																																																																																																																																	
Thermal reactor - CL.Air		IW 8070 A0																																																																																																																															
⇒ Measuring heating conductor resistance and heating conductor insulation resistance																																																																																																																																	

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