

# SERVICE TECHNICIANS INSTRUCTION |

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Töchter-Service		
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## New Parameter values for generator-monitoring Type 6 engines

Currently we are pushing hard in improving quality with generators of type 6 engines. Within this project, monitoring-switching points have been reset in cooperation with our suppliers. Both are affected, generator winding - as well as generator bearing temperature monitoring.

In the following you will find a list of the parameter values for the various types of our engine control. Deciding factors when determining the values according to the list are the generator's manufacturer and insulation class. The Insulation class H / F is indicated on the generator's type label.

At engines already running in the field, the new values shall be set during next service.

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dia.ne	DIA.NE XT   DIA.NE WIN	New values
RECIPE "GENERAT"	PARAM. LIST "GENERATOR"	
GWTA L1 GW	WINDING TEMP. PH 1 TRIP LIMIT	Insulation class H / all suppliers: value = 160 deg.C Insulation class F / all suppliers: value = 145 deg.C
GWTA L2 GW	WINDING TEMP. PH 2 TRIP LIMIT	Insulation class H / all suppliers: value = 160 deg.C Insulation class F / all suppliers: value = 145 deg.C
GWTA L3 GW	WINDING TEMP. PH 3 TRIP LIMIT	Insulation class H / all suppliers: value = 160 deg.C Insulation class F / all suppliers: value = 145 deg.C
GWTW L1 GW	WINDING TEMP. PH 1 WARNING LIMIT	Insulation class H / all suppliers: value = 155 deg.C Insulation class F / all suppliers: value = 140 deg.C
GWTW L2 GW	WINDING TEMP. PH 2 WARNING LIMIT	Insulation class H / all suppliers: value = 155 deg.C Insulation class F / all suppliers: value = 140 deg.C
GWTW L3 GW	WINDING TEMP. PH 3 WARNING LIMIT	Insulation class H / all suppliers: value = 155 deg.C Insulation class F / all suppliers: value = 140 deg.C
LAGER A GW A LAGER A GW W	BEARING TEMP. A TRIP LIMIT BEARING TEMP. A WARNING LIMIT	All suppliers: value = 90 deg.C All suppliers: value = 85 deg.C
LAGER B GW A	BEARING TEMP. B TRIP LIMIT	Newage: value = 65 deg.C AvK Ingolstadt: value = 80 deg.C Leroy Somer: value = 80 deg.C
LAGER B GW W	BEARING TEMP. B WARNING LIMIT	Newage: value = 60 deg.C AvK Ingolstadt: value = 75 deg.C Leroy Somer: value = 75 deg.C