

## Checklist Annual Service

Power Solutions

Customer Name / Contact Name		Digiplex / Alexander Olsen											
Generator Set Location / Address		Selma Ellefsensvei 1 / 0581 Oslo											
Generator Set designation		EF 3 anlegg											
Generator Model / Serial No.		Stamford HCI634J1 / 0270162/002											
Engine Model / Serial no.		16V 2000G65 / 536 110 785											
Measuring points	Unit	Measured values											
	Year	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
<b>Engine</b>													
Start time	sec												
Running hours	h	159											
Engine RPM	RPM	1499											
Engine injection	%	NA											
P-Lube Oil	bar	7,7											
P-Fuel	bar	NA											
P-Charge Air	bar	1,40											
T-Lube Oil	°C	73											
T-Coolant	°C	71											
T-Fuel	°C	40											
T-Charge Air	°C	16											
T-Exhaust A	°C	NA											
T-Exhaust B	°C	NA											
<b>Generator</b>													
Power	kW	195											
Voltage L1	V	417											
Voltage L2	V	416											
Voltage L3	V	418											
Current L1	A	261,0											
Current L2	A	275,0											
Current L3	A	265,0											
Frequency	Hz	50,0											
Apparant power	kVA	197,0											
Reactive power	kVAr	-3,0											
cos phi		1,0											
T-Winding L1	°C	NA											
T-Winding L2	°C	NA											
T-Winding L3	°C	NA											
T-Bearing DE	°C	NA											
T-Bearing NDE	°C	NA											
<b>Engine Pre Heater HT</b>													
T-Coolant before start	°C	41,0											
Current L1	A	23,5											
Current L2	A	NA											
Current L3	A	NA											
<b>Engine Pre Heater LT</b>													
T-Coolant before start	°C	NA											
Current L1	A	NA											
Current L2	A	NA											
Current L3	A	NA											
<b>Starting system</b>													
U-Batt. at start max.	V	26,9											
U-Batt. at start min.	V	21,7											
U-Batt. Charger	V	26,9											
R-Startmotor to ground	MΩ	> 1											
U-Alternator (dynamo)	V	28,0											
Similar load conditions are important to compare performance from year to year.													

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Values to be logged at the end of the test run.			