

## Checklist Annual Service

Power Solutions

Customer Name / Contact Name	Digiplex	/	Alexander Olsen
Generator Set Location / Address	Selma Ellefsensvei 1	/	0581 Oslo
Generator Set designation	B-Anlegg		
Generator Model / Serial No.	LSA 52,3 S7-4P	/	608991/2
Engine Model / Serial no. / run. hours	16V 4000 G23	/	527104128 101 /

Measuring points	Unit	Measured values												
	Year	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
Engine														
Start time	sec	1325												
Engine RPM	RPM	1500												
Engine injection	%													
P-Lube Oil	bar	6												
P-Fuel	bar	5												
P-Charge Air	bar	3												
T-Lube Oil	°C	83												
T-Coolant	°C	79												
T-Fuel	°C	33												
T-Charge Air	°C	40												
T-Exhaust A	°C													
T-Exhaust B	°C													
Generator														
Power	kW	1390												
Voltage L1	V	409												
Voltage L2	V	409												
Voltage L3	V	411												
Current L1	A	1980												
Current L2	A	2000												
Current L3	A	1850												
Frequency	Hz	50												
Apparant power	kVA	1369												
Reactive power	kVAr													
cos phi		1												
T-Winding L1	°C													
T-Winding L2	°C													
T-Winding L3	°C													
T-Bearing DE	°C													
T-Bearing NDE	°C													
Engine Pre Heater HT														
T-Coolant before start	°C													
Current L1	A													
Current L2	A													
Current L3	A													
Engine Pre Heater LT														
T-Coolant before start	°C													
Current L1	A													
Current L2	A													
Current L3	A													
Starting system														
U-Batt. at start max.	V													
U-Batt. at start min.	V													
U-Batt. Charger	V	27												
R-Startmotor to ground	MΩ													
U-Alternator (dynamo)	V													

Simillar load conditions are important to compare performance from year to year.

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