Date of writing Report... 5th Nov. 19.51 When handed in at Local Office... 16th Nov. 19.51 Port of ..... Gothenb.

M.E. driven generator.

ASEA Test Report "m/s" Vale." Our reference LO 8521.75-1

Customer: Svenska Ackumulator AB Jungner, Stockholm	Type: LD 12	No: 2810 815...2811 214	
	Output: 1,2 kW	Service:	
	Voltage: 24 - 32 V	Current: 50 - 38 A	
Kind of machine: DC Generators ——— shunt	Excitation: 24 - 32 V	Speed: 1200 - 3500 rpm	

	Voltage V	Current A arm.	Current A exc.	Input kW	Frequency c/s	Speed rpm	Output kW	Efficiency %
No-load	24		1,0 1)	63 2)		1200		
	32		0,41 1)	250 2)		3500		
Load	24	50	1,37 1)			1200		
	32	38	0,45 1)			3500		

GOTHENBURG FIRST ENTRY REPORT No. 18606.

Resistance between terminals ohms

Winding	At 20 °C
Arm.	0,053
Comm.	0,034
Series	
Shunt	12,6

Insul. resistance to frame, megohms:

Temperature rise °C

After continous test at ... rpm: V ... A ... A exc.

After 4 1/2 hours at 1200 rpm: 24 V 50 A 1,5 A exc.

Winding, part of machine	Measured by thermometer	By increase in resistance	By embedded thermometer	Measured by thermometer	By increase in resistance	By embedded thermometer
Arm.				35	49	
Comm.				22	35	
Series						
Shunt				18	19	
Commutator				36		

Anders Sjögren

High voltage tests: Exc. winding to frame 1500 V 1 min. — Arm. and comm. winding to frame 1500 V 1 min. — Between exc. winding 1500 V 1 min.

Over-rate tests: Excess voltage V (25 % incr.) 1 min. — Excess current A (50 % incr.) 1 min. — Overspeed 4500 rpm (% incr.) 1 min.

1) Medium value. Divergence max ± 5 %

2) " " " " ± 8 %

Västerås, Sweden, 5.6.1951

ALLMÄNNA SVENSKA ELEKTRISKA AKTIEBOLAGET
LIKSTRÖMSKONTORET
Ivar Claeson.

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and for each outgoing circuit ..... A double pole switch and a fuse on each pole