



Engine
Governing
Systems

Document: Test Protocol
Version: 1
Status: actual
Author: bs **Date:** 02-01-04
Approved: dh **Date:** 02-01-04
File: PC

ESD 5330

**Test Protocol
for GenSet Applications**



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Customer

Contact person

Engine make

Model

Max. output (kW)

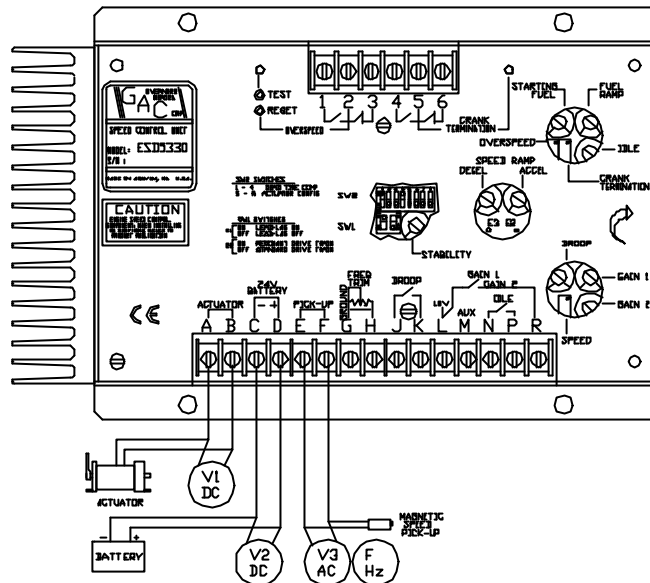
Nominal speed (RPM)

Pick up frequency (Hz)

Ring gear teeth

GAC Control Unit S/N

GAC Actuator S/N



Speed Ramp	Acceleration		Deceleration		Adjustments				Results / Remarks
	0	max	0	max	Droop	Starting fuel	Speed ramp	Idle N-P cont.	
Starting Cycle	V1	V2	V3	Amps	0	0	0	0	Smokeless Start: Yes/No Speed overshoot: Yes/No

Settings at best governor performance	no engine load	50 % engine load	100 % engine load	Remarks
Actuator current A				
Actuator voltage V1				
Battery voltage V2				
Pick up voltage V3				
Best GAIN 1 setting				
Best GAIN 2 setting				
Best STABILITY setting				
SW 1 settings	1 2 3 4 5 6 7 8 	1 2 3 4 5 6 7 8 	1 2 3 4 5 6 7 8 	switch position sample
SW 2 settings	C1 C2 off on on off	C1 C2 off on on off	C1 C2 off on on off	OFF
Approx. Transients				Note dip and recovery time