



Engine
Governing
Systems

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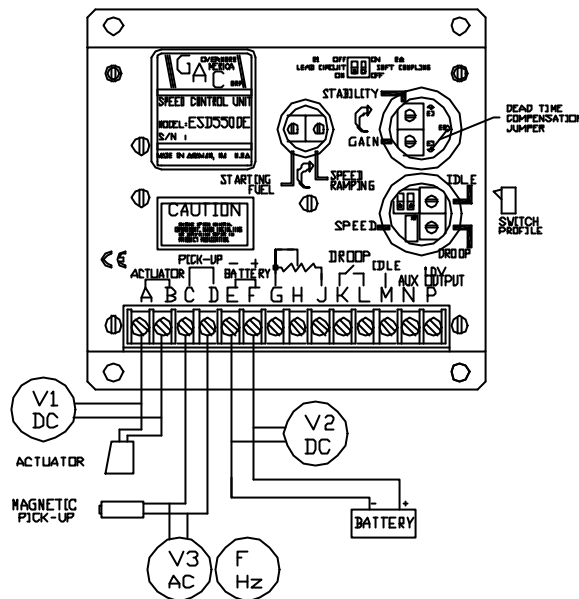
ESD 5500E
Test Protocol
for GenSet Applications



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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.....



Starting Cycle	V1	V2	V3	Amps	Adjustments				Results / Remarks
					Droop	Starting fuel	Speed ramp	Idle	
					0 max	0 max	0 max	0 max	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 STABILITY setting				
SW 2 settings	C1 C2 off on on off	C1 C2 off on on off	C1 C2 off on on off	switch position sample ON OFF
Approx. Transients				Note dip and recovery time