



FLAME SAFEGUARD

E-340-SET (B)
JANUARY 2000

E340 PROGRAMMING / SET-UP GUIDE

See Example on Back

JOB: _____

DATE: _____

SETPOINT	UNUSED	USED	SETTING	NOTES					
PR1 FUEL				0-16"	0-32"	0-160"	1-17P	10-170P	10-330P
LPF ALRM									
LPF MARG									
HPF MARG									
HPF ALRM									
SEC FUEL				10-170P	10-330P	0-16"	0-32"	0-160"	1-17P
LSF ALRM									
LSF MARG									
HSF MARG									
HSF ALRM									
STM PRES				1-17P	1-33P	10-170P	10-330P	50-850P	
STM SP									
CUT IN									
CUT OUT									
MOD RNGE									
LSP MARG									
HSP MARG									
HSP ALRM									
PRI TEMP				WATER	STANDBY	STACK			
WTR SP									
CUT IN									
CUT OUT									
MOD RNGE									
LPT MARG									
HPT MARG									
HPT ALRM									

SETPOINT	UNUSED	USED	SETTING	NOTES			
				OIL	STACK	MONITOR	
AUX TEMP							
LAT ALRM							
LAT MARG							
HAT MARG							
HAT ALRM							
OUT SENS				PRI TEMP	AUX TEMP		
OUT STPT							
MOD FDBK			UNUSED				
TML SHK				LOW FIRE	SEGMENT	TMD OVRD	
TML STRT							
TML EXIT							
TML OVRD							
LEAD LAG	X						
LAG SP							
CUT IN							
CUT OUT							
MOD RNGE							
LAG STRT							
LAG DLY							
OVRD HRS							
RTS DLY							
CMM PROT							
MAST NUM							
DEV NUM							
BAUD							
REV NUM							
STRT CHK				YES	NO		
CNV UNIT				ENGLISH	METRIC		
AUX AO2				GAS PRES	OIL PRES	STM PRES	PRI TEMP
MARG ALM							AUX TEMP
MOD USE				AUTO	MANUAL		CMD RATE
MODMAX/ MOD POS							
PRI FUEL				GAS	OIL		
SEC FUEL				OIL	GAS		
LV1 PASS							
LV2 PASS							
RST TIME							

TIME /SCHEDULE SETPOINTS							
SETPOINT	UNUSED	USED	SETTING	NOTES			
SETBACK							
END STBK							
BGN STBK							
STBK STM							
CUT IN							
CUT OUT							
MOD RNGE							
STBK SUN				ALL STBK	NO STBK	SCHDULE	
STBK MON				ALL STBK	NO STBK	SCHDULE	
STBK TUE				ALL STBK	NO STBK	SCHDULE	
STBK WED				ALL STBK	NO STBK	SCHDULE	
STBK THU				ALL STBK	NO STBK	SCHDULE	
STBK FRI				ALL STBK	NO STBK	SCHDULE	
STBK SAT				ALL STBK	NO STBK	SCHDULE	
PROG ON				OPER CTL	AUX RLY		
BGN ON							
END ON							
PROG SUN				ALL STBK	NO STBK	SCHDULE	
PROG MON				ALL STBK	NO STBK	SCHDULE	
PROG TUE				ALL STBK	NO STBK	SCHDULE	
PROG WED				ALL STBK	NO STBK	SCHDULE	
PROG THU				ALL STBK	NO STBK	SCHDULE	
PROG FRI				ALL STBK	NO STBK	SCHDULE	
PROG SAT				ALL STBK	NO STBK	SCHDULE	



Example

JOB: _____

DATE: _____

SETPOINT	UNUSED	USED	SETTING	NOTES					
				0-16"	0-32"	0-160"	1-19P	10-190P	10-330P
PR1 FUEL		X		0-16"	0-32"	0-160"	1-19P	10-190P	10-330P
					X				
LPF ALRM			4"	LOW GAS PRESSURE ALARM LIMIT @ 4" (SAFETY CIRCUIT OPENS)					
LPF MARG			8"	LOW GAS PRESSURE MARGINAL ALARM @ 8"					
HPF MARG			20"	HIGH GAS PRESSURE ALARM @ 20"					
HPF ALRM			25"	HIGH GAS PRESSURE ALARM LIMIT @ 25" (SAFETY CIRCUIT OPENS)					
SEC FUEL	X			10-170P	10-330P	0-16"	0-32"	0-160"	1-17P
LSF ALRM	X								
LSF MARG	X								
HSF MARG	X								
HSF ALRM	X								
STM PRES		X		1-17P	1-33P	10-170P	10-330P	50-850P	
						X			
STM SP			100 PSI	STEAM PRESSURE SETPOINT = 100 PSI					
CUT IN			0 PSI	CUT IN POINT @ 100 PSI (100-0 PSI) OPERATING CONTROL CLOSES					
CUT OUT			10 PSI	CUT IN POINT @ 110 PSI (100-0 PSI) OPERATING CONTROL OPENS					
MOD RNGE			20 PSI	MODULATING RANGE = 20 PSI; LOW FIRE @ 100 PSI, HIGH FIRE @ 80 PSI					
LSP MARG			60 PSI	LOW STEAM PRESSURE MARGINAL ALARM @ 60 PSI					
HSP MARG			115 PSI	HIGH STEAM PRESSURE MARGINAL ALARM @ 115 PSI					
HSP ALRM			125 PSI	HIGH STEAM PRESSURE ALARM LIMIT @ 125 PSI (SAFETY CIRCUIT OPENS)					
PRI TEMP		X		WATER	STANDBY	STACK			
						X			
WTR SP	X								
CUT IN	X								
CUT OUT	X								
MOD RNGE	X								
LPT MARG	X								
HPT MARG		X	400F	STACK TEMP MARGINAL ALARM @ 400F					
HPT ALRM		X	450 F	STACK TEMP ALARM LIMIT @ 450 F (SAFETY CIRCUIT OPENS)					



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E-340 -SET (B)
 JANUARY 2000
 Supersedes April 1999