

### 3.1 4500 Truline Configuration Record Sheet

**Keep a record**

Enter the value or selection for each prompt on this sheet so you will have a record of how your recorder was configured.

Group Prompt	Function prompt	Value or Selection	Factory Setting	Group Prompt	Function prompt	Value or Selection	Factory Setting	
<b>INPUT 1</b>	DECIMAL	_____	XXX.X	<b>PEN 1</b>	PEN1IN	_____	INPUT1	
	UNITS	_____	DEGF		CHART1HI	_____	302.0	
	ENGUNITS	_____	—		CHART1LO	_____	292.0	
	IN1 TYPE	_____	100PT		PEN1ON	_____	91.0	
	XMITTER	_____	LINEAR		PEN1OFF	_____	93.0	
	IN1 HI	_____	900		MAJORDIV	_____	10	
	IN1 LO	_____	-300		MINORDIV	_____	10	
	CUTOFF 1	_____	0		RNG1TAG	_____	RNG1	
	INPTCOMP	_____	0		<b>PEN 2</b>	PEN2IN	_____	INPUT2
	FILTER 1	_____	0			CHART2HI	_____	302.0
	BURNOUT	_____	UP			CHART2LO	_____	292.0
EMISSIV	_____	.01	PEN2ON	_____		91.0		
			PEN2OFF	_____		93.0		
<b>INPUT 2</b>	DECIMAL	_____	XXX.X	MAJORDIV	_____	10		
	UNITS	_____	DEGF	MINORDIV	_____	10		
	ENGUNITS	_____	—	RNG2TAG	_____	RNG2		
	IN2 TYPE	_____	100PT	<b>PEN 3</b>	PEN3IN	_____	INPUT3	
	XMITTER	_____	LINEAR		CHART3HI	_____	302.0	
	IN2 HI	_____	900		CHART3LO	_____	292.0	
	IN2 LO	_____	-300		PEN3ON	_____	91.0	
	CUTOFF 2	_____	0		PEN3OFF	_____	93.0	
	INPTCOMP	_____	0	MAJORDIV	_____	10		
	FILTER 2	_____	0	MINORDIV	_____	10		
	BURNOUT	_____	UP	RNG3TAG	_____	RNG3		
EMISSIV	_____	.01	<b>PEN 4</b>	PEN4IN	_____	INPUT4		
				CHART4HI	_____	302.0		
				CHART4LO	_____	292.0		
				PEN4ON	_____	91.0		
				PEN4OFF	_____	93.0		
<b>INPUT 3</b>	DECIMAL	_____	XXX.X	MAJORDIV	_____	10		
	UNITS	_____	DEGF	MINORDIV	_____	10		
	ENGUNITS	_____	—	RNG4TAG	_____	RNG4		
	IN3 TYPE	_____	100PT	<b>CHART</b>	CHRTSPD	_____	XHR	
	XMITTER	_____	LINEAR		HOUR/REV	_____	12	
	IN3 HI	_____	900		TIME DIV	_____	24	
	IN3 LO	_____	-300		MINORDIV	_____	Four	
	CUTOFF 3	_____	0		CONTINUE	_____	NO	
	INPTCOMP	_____	0	CHARTNAM	_____	TRULIN		
	FILTER 3	_____	0	HEADER	_____	NO		
	BURNOUT	_____	UP	REM CHRT	_____	NONE0		
EMISSIV	_____	.01	WAKE MIN	_____	0			
			WAKE HR	_____	0			
<b>INPUT 4</b>	DECIMAL	_____	XXX.X	WAKE DAY	_____	0		
	UNITS	_____	DEGF	WAKE MON	_____	0		
	ENGUNITS	_____	—					
	IN4 TYPE	_____	100PT					
	XMITTER	_____	LINEAR					
	IN4 HI	_____	900					
	IN4 LO	_____	-300					
	CUTOFF 4	_____	0					
	INPTCOMP	_____	0					
	FILTER 4	_____	0					
	BURNOUT	_____	UP					
EMISSIV	_____	.01						

**Error! No text of specified style in document. - 4500 Truline Configuration Record Sheet**

Group Prompt	Function prompt	Value or Selection	Factory Setting	Group Prompt	Function prompt	Value or Selection	Factory Setting	
<b>TIME</b>	MINUTES	_____	Set	<b>CONTROL 2</b>	CONTROL2	_____	ENABLE	
	HOURS	_____	TO		PID SETS	_____	1ONLY	
	DAY	_____	Local		SW VALUE	_____	0.0	
	MONTH	_____	Time		SP SOURC	_____	1LOCAL	
	YEAR	_____			RATIO	_____	1.0	
	DAY	_____			BIAS	_____	0	
<b>TOTAL 1</b>	(Value)	_____	E0 GAL		SP TRACK	_____	NONE	
	RSET TOT	_____	NO		POWER UP	_____	MANUAL	
	TOTAL 1	_____	DISABL		PWR OUT	_____	LAST	
	TOTAL EU	_____	GAL		SP HILIM	_____	500	
	RATE	_____	SECOND		SP LOLIM	_____	0	
	SCALER	_____	1		ACTION	_____	REVRSE	
	RSETABLE	_____	NO		OUTHILIM	_____	100.0	
<b>TOTAL 2</b>	(Value)	_____	E0 GAL		OUTLOLIM	_____	0	
	RSET TOT	_____	NO		DROPOFF	_____	0.0	
	TOTAL 2	_____	DISABL		DEADBAND	_____	2.0	
	TOTAL EU	_____	GAL		OUT HYST	_____	0.5	
	RATE	_____	SECOND		FAILSAFE	_____	50	
	SCALER	_____	1		REM SW2	_____	NONE	
	RSETABLE	_____	NO		MAN KEY	_____	ENABLE	
<b>INP ALG</b>	INP ALG	_____	NONE		PBorGAIN	_____	GAIN	
	COEFF	_____	1.0		MINorRPM	_____	MIN	
	PV HIGH	_____	0.0		CONT2ALG	_____	PIDA	
	PV LOW	_____	0.0		OUT2ALG	_____	CURRENT	
	RATIO A	_____	1.0		4-20 RNG	_____	50PCT	
	BIAS A	_____	0.0		<b>TUNING 1</b>	FUZZY	_____	DISABL
	RATIO B	_____	1.0			ACCUTUNE	_____	DISABL
	BIAS B	_____	0.0			AT ERR	_____	Read only
	RATIO C	_____	1.0			PROP BD	_____	1.0
	BIAS C	_____	0.0			or		
	POLYNOM	_____	NONE			GAIN	_____	1.0
	C0 VALUE	_____	0			RATE MIN	_____	0.00
	C1 VALUE	_____	0			RSET MIN	_____	1.0
C2x10-1	_____	0	or					
C3x10-3	_____	0	RSET RPM			_____	1.0	
C4x10-5	_____	0	MAN RSET			_____	0.0	
C5x10-7	_____	0	CYCSEC			_____	20.0	
<b>CONTROL 1</b>	CONTROL1	_____	ENABLE			PROP BD2	_____	1.0
	PID SETS	_____	1ONLY		or			
	SW VALUE	_____	0.0		GAIN 2	_____	1.0	
	SP SOURC	_____	1LOCAL		RATE2MIN	_____	0.00	
	RATIO	_____	1.0		RSET2MIN	_____	1.0	
	BIAS	_____	0	or				
	SP TRACK	_____	NONE	RSET2RPM	_____	1.0		
	POWER UP	_____	MANUAL	CYC2SEC	_____	20.0		
	PWR OUT	_____	LAST					
	SPHILIM	_____	500					
	SPLOLIM	_____	0					
	ACTION	_____	REVRSE					
	OUT HILIM	_____	100.0					
	OUT LOLIM	_____	0					
	DROPOFF	_____	0.0					
	DEADBAND	_____	2.0					
	OUT HYST	_____	0.5					
	FAILSAFE	_____	50					
	REM SW	_____	NONE					
	MAN KEY	_____	ENABLE					
	PBorGAIN	_____	GAIN					
	MINorRPM	_____	MIN					
	CONT1ALG	_____	PIDA					
OUT1ALG	_____	CURRENT						
4-20 RNG	_____	50PCT						

Group Prompt	Function prompt	Value or Selection	Factory Setting	Group Prompt	Function prompt	Value or Selection	Factory Setting	
<b>TUNING 2</b>	FUZZY	_____	DISABL	<b>ALARM 1</b>	A1S1 VAL	_____	90	
	ACCUTUNE	_____	DISABL		A1S2 VAL	_____	95	
	AT ERR	Read only	—		A1S1TYPE	_____	INPUT1	
	PROP BD	_____	1.0		A1S2TYPE	_____	INPUT1	
	or				A1S1 H L	_____	LO	
	GAIN	_____	1.0		A1S1 EV	_____	—	
	RATE MIN	_____	0.00		A1S1SCAL	_____	1	
	RSET MIN	_____	1.0		A1S2 H L	_____	HI	
	or				A1S2 EV	_____	—	
	RSET RPM	_____	1.0		A1S2SCAL	_____	1	
	MAN RSET	_____	0.0		AL1 HYST	_____	0.1	
	CYCSEC	_____	20.0		<b>ALARM 2</b>	A2S1 VAL	_____	90
	PROP BD2	_____	1.0			A2S2 VAL	_____	95
	or					A2S1TYPE	_____	INPUT1
	GAIN 2	_____	1.0			A2S2TYPE	_____	INPUT1
	RATE2MIN	_____	0.00			A2S1 H L	_____	LO
	RSET2MIN	_____	1.0			A2S1 EV	_____	—
	or					A2S1SCAL	_____	1
RSET2RPM	_____	1.0	A2S2 H L	_____		HI		
CYC2SEC	_____	20.0	A2S2 EV	_____		—		
<b>SP RAMP1</b>	SP RAMP	_____	DISABL	A2S2SCAL		_____	1	
	TIME MIN	_____	0	AL2 HYST	_____	0.1		
	FINAL SP	_____	100.0	<b>ALARM 3</b>	A3S1 VAL	_____	90	
	SP RATE	_____	DISABL		A3S2 VAL	_____	95	
	EU/HR UP	_____	—		A3S1TYPE	_____	INPUT1	
	EU/HR DN	_____	—		A3S2TYPE	_____	INPUT1	
	SP PROG	_____	DISABL		A3S1 H L	_____	LO	
	RECYCLES	_____	—		A3S1 EV	_____	—	
	SOAK DEV	_____	—		A3S1SCAL	_____	1	
	PROFILE	_____	—		A3S2 H L	_____	HI	
	STATE	_____	—		A3S2 EV	_____	—	
	RECOVERY	_____	—		A3S2SCAL	_____	1	
	PROG END	_____	—		AL3 HYST	_____	0.1	
<b>SP RAMP2</b>	SP RAMP	_____	DISABL		<b>ALARM 4</b>	A4S1 VAL	_____	90
	TIME MIN	_____	0			A4S2 VAL	_____	95
	FINAL SP	_____	100.0	A4S1TYPE		_____	INPUT1	
	SP RATE	_____	—	A4S2TYPE		_____	INPUT1	
	EU/HR UP	_____	—	A4S1 H L		_____	LO	
	EU/HR DN	_____	—	A4S1 EV		_____	—	
	SP PROG	_____	DISABL	A4S1SCAL		_____	1	
	RECYCLES	_____	—	A4S2 H L		_____	HI	
	SOAK DEV	_____	—	A4S2 EV		_____	—	
	PROFILE	_____	—	A4S2SCAL		_____	1	
	STATE	_____	—	AL4 HYST		_____	0.1	
	RECOVERY	_____	—	<b>ALARM 5</b>		A5S1 VAL	_____	90
	PROG END	_____	—			A5S2 VAL	_____	95
<b>SPP SEGS</b>	PRx STRT	_____	—		A5S1TYPE	_____	INPUT1	
	PRx END	_____	—		A5S2TYPE	_____	INPUT1	
	RAMPUNIT	_____	—		A5S1 H L	_____	LO	
	SYNC 1+2	_____	—		A5S1 EV	_____	—	
	SEGxRAMP	_____	—		A5S1SCAL	_____	1	
	SEGx SP	_____	—	A5S2 H L	_____	HI		
	SEGxTIME	_____	—	A5S2 EV	_____	—		
<b>SPP EVNT</b>	SEGx EV	_____	—	A5S2SCAL	_____	1		
				AL5 HYST	_____	0.1		
<b>TIMER</b>	TIMER	_____	DISABL					
	PERIOD	_____	0:01					
	START	_____	KEY					
	LDISPLAY	_____	TREM					
	RSET	_____	KEY					
	INCRMENT	_____	MIN					

Group Prompt	Function prompt	Value or Selection	Factory Setting	Group Prompt	Function prompt	Value or Selection	Factory Setting
<b>ALARM 6</b>	A6S1 VAL	_____	90				
	A6S2 VAL	_____	95				
	A6S1TYPE	_____	INPUT1				
	A6S2TYPE	_____	INPUT1				
	A6S1 H L	_____	LO				
	A6S1 EV	_____	—				
	A6S1SCAL	_____	1				
	A6S2 H L	_____	HI				
	A6S2 EV	_____	—				
	A6S2SCAL	_____	1				
	AL6 HYST	_____	0.1				
<b>AUX OUT</b>	AUX OUT	_____	DISABL				
	4 mA VAL	_____	0.0				
	20mA VAL	_____	100.0				
<b>AUX OUT2</b>	AUX OUT2	_____	DISABL				
	4 mA VAL	_____	0.0				
	20mA VAL	_____	100.0				
<b>AUX OUT3</b>	AUX OUT3	_____	DISABL				
	4 mA VAL	_____	0.0				
	20mA VAL	_____	100.0				
<b>COMM</b>	ComSTATE	_____	DISABL				
	Com ADDR	_____	1				
	BAUD	_____	9600				
	XMT DLAY	_____	NONE				
<b>OPTIONS</b>	REJ FREQ	_____	60				
	HF REJ	_____	ENABLE				
	RELHUMID	_____	NO				
	ATMPRES	_____	—				
	DEVIATION	_____	NONE				
	DEVSETPT	_____	0				
	SCROLL	_____	NONE				
GRANDTOT	_____	DISABL					
<b>EVNT MSG</b>	EVENT 1	_____	NONE				
	MESSAGE1	_____	EVENT1				
	POSITION1	_____	87.3				
	EVENT 2	_____	NONE				
	MESSAGE2	_____	EVENT2				
	POSITION2	_____	85.5				
	EVENT 3	_____	NONE				
	MESSAGE3	_____	EVENT3				
	POSITION3	_____	83.6				
	EVENT 4	_____	NONE				
	MESSAGE4	_____	EVENT4				
	POSITION4	_____	80.0				
EVENT 5	_____	NONE					
MESSAGE5	_____	EVENT5					
POSITION5	_____	78.2					
EVENT 6	_____	NONE					
MESSAGE6	_____	EVENT6					
POSITION6	_____	76.9					
<b>LOCKOUT</b>	PASSWORD	_____	XXXX				
	LOCKOUT	_____	CALIB				
	CHANGE	_____	XXXX				
<b>ADJUST</b>	TRACE LN	_____	MEDIUM				
	GRID LN	_____	MEDIUM				
	PEN TYPE	_____	NORMAL				