

Appendix A

Worksheets

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- *Example* Application Worksheet
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-

KILN DEMO EXAMPLE WORKSHEET

PAGE: _____

DESCRIPTION : OP-1510 Kiln Demo

System Type Single Panel

Panel Type OP-1510

PLC Base Register Addr V2000

PUSHBUTTONS / LAMPS :

A M (Alternate/Momentary)

F1 Start
F2 Stop
F3 _____

F4 _____

F5 _____

 } **OP-1500
Only**
PLC CONFIGURATION :

PLC Family PLC Direct by Koyo

CPU Model DirectLOGIC DL130

Protocol K Sequence

PLC Address 1

PLC Timeout 3

Baud Rate 9600

Parity ODD

Data/Stop Bits 8 data / 1 stop

Green Lamp1

System Running

Yellow Lamp2

System Starting

Red Lamp3

System Stopped
MESSAGE:

Text

No. 1	O	P	-	1	5	1	0	K	I	L	N	D	E	M	O				
Action: N/A Data Type/Format: N/A Range: N/A																			
Text Message																			
No. 2	M	E	N	U	:	S	E	T	U	P	F	1	:	S	T	A	R	T	
Action: N/A Data Type/Format: N/A Range: N/A																			
Text Message																			
No. 3	K	I	L	N	S	T	A	R	T	I	N	G							
Action: N/A Data Type/Format: N/A Range: N/A																			
Text Message																			
No. 4	P	R	E	S	S	F	2	T	O	S	T	O	P						
Action: N/A Data Type/Format: N/A Range: N/A																			
Text Message																			
No. 5	S	Y	S	T	E	M	R	U	N	N	I	N	G						
Action: N/A Data Type/Format: N/A Range: N/A																			
Text Message																			
No. 6	P	R	E	S	S	F	2	T	O	S	T	O	P						
Action: N/A Data Type/Format: N/A Range: N/A																			
Text Message																			
No. 7	K	I	L	N	S	Y	S	T	E	M	S	T	O	P	P	E	D		
Action: N/A Data Type/Format: N/A Range: N/A																			
Text Message																			
No. 8	P	R	E	S	S	F	2	T	O	C	O	N	T	I	N	U	E		
Action: N/A Data Type/Format: N/A Range: N/A																			
Text Message																			
No. 9	M	E	A	L	H	O	P	P	E	R	(1	-	3)	:			
Action: N/A Data Type/Format: INTEGER/BCD Range: _____																			
Text Message																			
No. 10	A	R	R	O	W	U	P	/	D	O	W	N	=	^	^	^			
Action: Arrow Data Type/Format: BCD Range: 1-3																			

EXAMPLE MESSAGE WORKSHEET

PAGE: _____

MESSAGE:

	Text Message																				
No. 11	K	I	L	N		S	P	E	E	D		(%)	:	^	^	^	^		
	Action: N/A		Data Type/Format: BCD										Range: N/A								
No. 12	N	E	W		K	I	L	N		S	P	E	E	D	=						
	Action: Keypad		Data Type/Format: BCD										Range: N/A								
No. 13	Z	O	N	E	1		T	E	M	P		S	P	:	^	^	^	^			
	Action: N/A		Data Type/Format: BCD										Range: N/A								
No. 14	E	N	T	E	R		N	E	W		T	E	M	P	.	=	^	^	^	^	
	Action: Keypad		Data Type/Format: BCD										Range: N/A								
No. 15	Z	O	N	E	2		T	E	M	P		S	P	:	^	^	^	^			
	Action: N/A		Data Type/Format: BCD										Range: N/A								
No. 16	E	N	T	E	R		N	E	W		T	E	M	P	.	=	^	^	^	^	
	Action: Keypad		Data Type/Format: BCD										Range: N/A								
No. 17	Z	O	N	E	3		T	E	M	P		S	P	:	^	^	^	^			
	Action: N/A		Data Type/Format: BCD										Range: N/A								
No. 18	E	N	T	E	R		N	E	W		T	E	M	P	.	=	^	^	^	^	
	Action: Keypad		Data Type/Format: BCD										Range: N/A								
No.																					
	Action:		Data Type/Format:										Range:								
No.																					
	Action:		Data Type/Format:										Range:								
No.																					
	Action:		Data Type/Format:										Range:								
No.																					
	Action:		Data Type/Format:										Range:								
No.																					
	Action:		Data Type/Format:										Range:								
No.																					
	Action:		Data Type/Format:										Range:								
No.																					
	Action:		Data Type/Format:										Range:								

EXAMPLE MENU WORKSHEET

MENU:

Text

No. 1	R	A	W		M	E	A	L		C	O	N	T	R	O	L				
Level	1	2	3	4	Function No.				-											
No. 2	H	O	P	P	E	R		S	E	L	E	C	T	I	O	N				
Level	1	2	3	4	Function No.				1											
No. 3	K	I	L	N		S	P	E	E	D		C	O	N	T	R	O	L		
Level	1	2	3	4	Function No.				2											
No. 4	T	E	M	P	E	R	A	T	U	R	E		C	O	N	T	R	O	L	
Level	1	2	3	4	Function No.															
No. 5	S	E	T	P	O	I	N	T		Z	O	N	E	1		T	E	M	P	.
Level	1	2	3	4	Function No.				3											
No. 6	S	E	T	P	O	I	N	T		Z	O	N	E	2		T	E	M	P	.
Level	1	2	3	4	Function No.				4											
No. 7	S	E	T	P	O	I	N	T		Z	O	N	E	3		T	E	M	P	.
Level	1	2	3	4	Function No.				5											
No.																				
Level	1	2	3	4	Function No.															
No.																				
Level	1	2	3	4	Function No.															
No.																				
Level	1	2	3	4	Function No.															
No.																				
Level	1	2	3	4	Function No.															
No.																				
Level	1	2	3	4	Function No.															
No.																				
Level	1	2	3	4	Function No.															
No.																				
Level	1	2	3	4	Function No.															

OP-15xx APPLICATION WORKSHEET

PAGE: _____

DESCRIPTION :
System Type _____
Panel Type _____
PLC Base Register Addr _____

PUSHBUTTONS / LAMPS :
A M (Alternate/Momentary)

F1 _____
F2 _____
F3 _____
F4 _____
F5 _____

} OP-1500 Only

PLC CONFIGURATION :

PLC Family _____
CPU Model _____
Protocol _____
PLC Address _____
PLC Timeout _____
Baud Rate _____
Parity _____
Data/Stop Bits _____

Green Lamp1 _____
 Yellow Lamp2 _____
 Red Lamp3 _____

MESSAGE:

Text Message

No.	Action:	Data Type/Format:	Range:
No.			
No.			
No.			
No.			
No.			
No.			
No.			
No.			

OP-1510 MENU WORKSHEET

PAGE: _____

MENU:

Text Message

No.																		
Level	1	2	3	4	Function No.													
No.																		
Level	1	2	3	4	Function No.													
No.																		
Level	1	2	3	4	Function No.													
No.																		
Level	1	2	3	4	Function No.													
No.																		
Level	1	2	3	4	Function No.													
No.																		
Level	1	2	3	4	Function No.													
No.																		
Level	1	2	3	4	Function No.													
No.																		
Level	1	2	3	4	Function No.													
No.																		
Level	1	2	3	4	Function No.													
No.																		
Level	1	2	3	4	Function No.													
No.																		
Level	1	2	3	4	Function No.													
No.																		
Level	1	2	3	4	Function No.													

Appendix A