Project Name:	Project 2 - Digital Filling Station
Notes 1:	...
Notes 2:	...

Outputs (O0)

	O:0	Symbol/Desc.		Symbol/Desc.		Symbol/Desc.		Symbol/Desc.		Symbol/Desc.
0	O:0.0	CM	.0		.0		.0		.0	
1	O:0.1	WH	.1		.1		.1		.1	
2	O:0.2	PH	.2		.2		.2		.2	
3	O:0.3		.3		.3		.3		.3	
4	O:0.4		.4		.4		.4		.4	
5	O:0.5		.5		.5		.5		.5	
6	O:0.6		.6		.6		.6		.6	
7	O:0.7		.7		.7		.7		.7	
8	O:0.8		.8		.8		.8		.8	
9	O:0.9		.9		.9		.9		.9	
10	O:0.10		.10		.10		.10		.10	
11	O:0.11		.11		.11		.11		.11	
12	O:0.12		.12		.12		.12		.12	
13	O:0.13		.13		.13		.13		.13	
14	O:0.14		.14		.14		.14		.14	
15	O:0.15		.15		.15		.15		.15	

Inputs (I1)

	I:0	Symbol/Desc.		Symbol/Desc.		Symbol/Desc.		Symbol/Desc.		Symbol/Desc.
0	I:0.0	PROXIMITY SWITCH RAW INPUT	.0		.0		.0		.0	
1	I:0.1	LEVEL SWITCH RAW INPUT	.1		.1		.1		.1	
2	I:0.2	RED PHOTO EYE RAW INPUT	.2		.2		.2		.2	
3	I:0.3	BLUE PHOTO EYE RAW INPUT	.3		.3		.3		.3	
4	I:0.4		.4		.4		.4		.4	
5	I:0.5		.5		.5		.5		.5	
6	I:0.6		.6		.6		.6		.6	
7	I:0.7		.7		.7		.7		.7	
8	I:0.8		.8		.8		.8		.8	
9	I:0.9		.9		.9		.9		.9	
10	I:0.10		.10		.10		.10		.10	
11	I:0.11		.11		.11		.11		.11	
12	I:0.12		.12		.12		.12		.12	
13	I:0.13		.13		.13		.13		.13	
14	I:0.14		.14		.14		.14		.14	
15	I:0.15		.15		.15		.15		.15	

Binarys B3

				INPUTS		OUTPUTS		System Mode		System Logic
	B3:0	Symbol/Desc.	B3:1	Symbol/Desc.	B3:2	Symbol/Desc.	B3:3	Symbol/Desc.	B3:4	Symbol/Desc.
0	B3:0/0	placeholder	B3:1/0	PROXIMITY SWITCH DIGITAL INPUT BIT	B3:2/0	CONVEYOR MOTOR DIGITAL OUPUT BIT	B3:3/0	ESTOP	B3:4/0	S3 Inputs
1	B3:0/1	X	B3:1/1	LEVEL SWITCH DIGITAL INPUT BIT	B3:2/1	WALNUT HOPPER DIGITAL OUPUT BIT	B3:3/1	INIT Conditions	B3:4/1	S4 Inputs
2	B3:0/2	X	B3:1/2	RED PHOTO EYE DIGITAL INPUT BIT	B3:2/2	PECAN HOPPER DIGITAL OUPUT BIT	B3:3/2	Box Arrived at Filling Station	B3:4/2	MOTOR START TRIGGER
3	B3:0/3	x	B3:1/3	BLUE PHOTO EYE DIGITAL INPUT BIT	B3:2/3		B3:3/3	Box Filling with Pecans	B3:4/3	MOTOR INTERRUPT

4	B3:0/4	X	B3:1/4	SYSTEM RESET	B3:2/4		B3:3/4	Box Filling with Walnuts	B3:4/4	PECAN HOPPER TRIGGER
5	B3:0/5	x	B3:1/5	SYSTEM ESTOP	B3:2/5		B3:3/5	Box Filling Complete	B3:4/5	PECAN HOPPER INTERRUPT
6	B3:0/6	x	B3:1/6		B3:2/6		B3:3/6	ERROR STATE	B3:4/6	WALNUT HOPPER INTERRUPT
7	B3:0/7	x	B3:1/7		B3:2/7		B3:3/7		B3:4/7	
8	B3:0/8		B3:1/8		B3:2/8		B3:3/8		B3:4/8	
9	B3:0/9		B3:1/9		B3:2/9		B3:3/9		B3:4/9	
10	B3:0/10		B3:1/10		B3:2/10		B3:3/10		B3:4/10	
11	B3:0/11		B3:1/11		B3:2/11		B3:3/11		B3:4/11	
12	B3:0/12		B3:1/12		B3:2/12		B3:3/12		B3:4/12	
13	B3:0/13		B3:1/13		B3:2/13		B3:3/13		B3:4/13	
14	B3:0/14		B3:1/14		B3:2/14		B3:3/14		B3:4/14	
15	B3:0/15		B3:1/15		B3:2/15		B3:3/15		B3:4/15	

Timers (T4)

	T4:0	Symbol/Desc.		Symbol/Desc.		Symbol/Desc.		Symbol/Desc.		Symbol/Desc.
EN	T4:0/EN		/EN		/EN		/EN		/EN	
TT	T4:0/TT		/TT		/TT		/TT		/TT	
DN	T4:0/DN		/DN		/DN		/DN		/DN	
BASE	T4:0/BASE		/BASE		/BASE		/BASE		/BASE	
PRE	T4:0/PRE		/PRE		/PRE		/PRE		/PRE	
ACC	T4:0/ACC		/ACC		/ACC		/ACC		/ACC	

Counters (C5)

	C5:0	Symbol/Desc.		Symbol/Desc.		Symbol/Desc.		Symbol/Desc.		Symbol/Desc.
CU	C5:0/CU		/CU		/CU		/CU		/CU	
CD	C5:0/CD		/CD		/CD		/CD		/CD	
DN	C5:0/DN		/DN		/DN		/DN		/DN	
OV	C5:0/OV		/OV		/OV		/OV		/OV	
UN	C5:0/UN		/UN		/UN		/UN		/UN	
UA	C5:0/UA		/UA		/UA		/UA		/UA	

Control (R6)

	R6:0	Symbol/Desc.		Symbol/Desc.		Symbol/Desc.		Symbol/Desc.		Symbol/Desc.
EN	R6:0/EN		/EN		/EN		/EN		/EN	
EU	R6:0/EU		/EU		/EU		/EU		/EU	
DN	R6:0/DN		/DN		/DN		/DN		/DN	
EM	R6:0/EM		/EM		/EM		/EM		/EM	
ER	R6:0/ER		/ER		/ER		/ER		/ER	
UL	R6:0/UL		/UL		/UL		/UL		/UL	
IN	R6:0/IN		/IN		/IN		/IN		/IN	
FD	R6:0/FD		/FD		/FD		/FD		/FD	
LEN	R6:0/LEN		/LEN		/LEN		/LEN		/LEN	
POS	R6:0/POS		/POS		/POS		/POS		/POS	

Integers (N7)

	N7	Symbol/Desc.	N7:1	Symbol/Desc.		Symbol/Desc.		Symbol/Desc.		Symbol/Desc.
0	N7:0	PLACEHOLDER INTEGER	N7:1:0		:0		:0		:0	
1	N7:1	SYSTEM MODE	N7:1:1		:1		:1		:1	
2	N7:2		N7:1:2		:2		:2		:2	
3	N7:3		N7:1:3		:3		:3		:3	
4	N7:4		N7:1:4		:4		:4		:4	
5	N7:5		N7:1:5		:5		:5		:5	
6	N7:6		N7:1:6		:6		:6		:6	
7	N7:7		N7:1:7		:7		:7		:7	
8	N7:8		N7:1:8		:8		:8		:8	

9	N7:9		N7:1:9		:9		:9		:9	
10	N7:10		N7:1:10		:10		:10		:10	
11	N7:11		N7:1:11		:11		:11		:11	
12	N7:12		N7:1:12		:12		:12		:12	
13	N7:13		N7:1:13		:13		:13		:13	
14	N7:14		N7:1:14		:14		:14		:14	
15	N7:15		N7:1:15		:15		:15		:15	

Floats (F8) /

	F8:0	Symbol/Desc,		Symbol/Desc,		Symbol/Desc,		Symbol/Desc,		Symbol/Desc,
0	F8:0/0	PLACEHOLDER FLOAT	/0		/0		/0		/0	
1	F8:0/1		/1		/1		/1		/1	
2	F8:0/2		/2		/2		/2		/2	
3	F8:0/3		/3		/3		/3		/3	
4	F8:0/4		/4		/4		/4		/4	