Robofest 2024 VCC - Vision Based Measurement System
Updated 1/14/24

Division: Senior   Team Name: _____

Organization Name _____   Team Number: _____

Round: First   Second

Round Score	Team Reported	Actual	Match	Point Value	Points	
PART 1 Dimensions correctly called in/out of specification				x1		Max 5
KPC Error	Measured	-Actual	=Error	See Grid		Max 5
PART 2 Dimensions correctly called in/out of specification				x1		Max 5
KPC Error	Measured	-Actual	=Error	See Grid		Max 5
PART 3 Dimensions correctly called in/out of specification				x1		Max 5
KPC Error	Measured	-Actual	=Error	See Grid		Max 5
PART 4 Dimensions correctly called in/out of specification				x1		Max 5
KPC Error	Measured	-Actual	=Error	See Grid		Max 5
PART 5 Dimensions correctly called in/out of specification				x1		Max 5
KPC Error	Measured	-Actual	=Error	See Grid		Max 5
PART 6 Dimensions correctly called in/out of specification				x1		Max 5
KPC Error	Measured	-Actual	=Error	See Grid		Max 5
PART 7 Dimensions correctly called in/out of specification				x1		Max 5
KPC Error	Measured	-Actual	=Error	See Grid		Max 5
PART 8 Dimensions correctly called in/out of specification				x1		Max 5
KPC Error	Measured	-Actual	=Error	See Grid		Max 5
PART 9 Dimensions correctly called in/out of specification				x1		Max 5
KPC Error	Measured	-Actual	=Error	See Grid		Max 5
PART 10 Dimensions correctly called in/out of specification				x1		Max 5
KPC Error	Measured	-Actual	=Error	See Grid		Max 5
KPC Accuracy Scoring Grid	<=0.025 = 5 <=0.050 = 4 <=0.075 = 3		<=0.100 = 2 <=0.125 = 1 > 0.125 = 0			
Reset was requested (reset penalty)	0 1 (No) (Yes)			x(-1)		
				TOTAL		Max 100

Judge Initials: _____   Team Player Initials: _____

Robofest 2024 VCC - Vision Based Measurement System
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ROBOFEST LAWRENCE TECHNOLOGICAL UNIVERSITY

Division: Senior   Team Name: **EXAMPLE**

Organization Name _____   Team Number: _____

Round: **First**   **Second**

	Round Score	Team Reported	Actual	Match	Point Value	Points	
PART 1	Dimensions correctly called in/out of specification	11001	11001	5	x1	5	Max 5
	KPC Error	Measured 12.101	-Actual 12.111	=Error 0.010	See Grid	5	Max 5
PART 2	Dimensions correctly called in/out of specification	11001	11000	4	x1	4	Max 5
	KPC Error	Measured 12.265	-Actual 12.222	=Error 0.043	See Grid	4	Max 5
PART 3	Dimensions correctly called in/out of specification	11110	01010	3	x1	3	Max 5
	KPC Error	Measured 12.400	-Actual 12.333	=Error 0.067	See Grid	3	Max 5
PART 4	Dimensions correctly called in/out of specification	10011	10100	2	x1	2	Max 5
	KPC Error	Measured 12.354	-Actual 12.444	=Error 0.090	See Grid	2	Max 5
PART 5	Dimensions correctly called in/out of specification	10000	11111	1	x1	1	Max 5
	KPC Error	Measured 12.666	-Actual 12.555	=Error 0.111	See Grid	1	Max 5
PART 6	Dimensions correctly called in/out of specification	11111	00000	0	x1	0	Max 5
	KPC Error	Measured 12.955	-Actual 12.666	=Error 0.289	See Grid	0	Max 5
PART 7	Dimensions correctly called in/out of specification	11010	11000	4	x1	4	Max 5
	KPC Error	Measured 12.656	-Actual 12.777	=Error 0.121	See Grid	1	Max 5
PART 8	Dimensions correctly called in/out of specification	11101	10111	3	x1	3	Max 5
	KPC Error	Measured 12.905	-Actual 12.888	=Error 0.017	See Grid	5	Max 5
PART 9	Dimensions correctly called in/out of specification	01111	11110	3	x1	3	Max 5
	KPC Error	Measured 13.075	-Actual 12.999	=Error 0.076	See Grid	2	Max 5
PART 10	Dimensions correctly called in/out of specification	01011	00011	4	x1	4	Max 5
	KPC Error	Measured 12.052	-Actual 12.000	=Error 0.052	See Grid	3	Max 5

KPC Accuracy Scoring Grid	<=0.025 = 5 <=0.100 = 2 <=0.050 = 4 <=0.125 = 1 <=0.075 = 3 > 0.125 = 0					
Reset was requested (reset penalty)	0 (No) ⭕ 1 (Yes)			x(-1)	0	
					TOTAL	55	Max 100

Judge Initials: _____   Team Player Initials: _____