Vision Builder Inspection: Exercici 6

File Path: C:\Users\t.k\Desktop\Magic vision\The first 6 visual inspection\Exercici 6.vbai	Description:
Creation Date: jueves, 26 de septiembre de 2024 - 16:52:20 Last Modification Date: jueves, 26 de septiembre de 2024 - 17:45:14 Print Date: jueves, 26 de septiembre de 2024 - 18:54:52	

Inspection States

State 1	Select Inspection	No inspection step.		
State 2	Inspection Setup	No inspection step.		
State 3	Inspection Cleanup	No inspection step.		
State 4	Start			
State 5	Aqcuire Image & Find Pin Edges	3 inspection steps.		
	Inspection Steps	Name	Type	User Documentation
	Step 1	Acquire Pins	Read Image File	
	Step 2	Find Pin Edges	Find Edges	
	Step 3	Initialize Counter	Set Variable	
State 6	End			
State 7	Check Pin Gap	5 inspection steps.		
	Inspection Steps	Name	Type	User Documentation
	Step 1	Get Edge Position	Array Operator	
	Step 2	Set Coordinate System 1	Set Coordinate System	
	Step 3	Measure Gap	Caliper	
	Step 4	Update Counter	Set Variable	
	Step 5	Overlay Failed Gap	Custom Overlay	
State 8	Fail inspection	2 inspection steps.		
	Inspection Steps	Name	Type	User Documentation
	Step 1	Display Image	Display Image	
	Step 2	Set Inspection Status	Set Inspection Status	
State 9	Pass inspection	2 inspection steps.		
	Inspection Steps	Name	Type	User Documentation
	Step 1	Display Image	Display Image	
	Step 2	Set Inspection Status	Set Inspection Status	

Inspection Transitions

Transition 1	Name: default	From State: Start	To State: Aqcuire Image & Find Pin Edges	Priority 1
	Transition always true.			
Transition 2	Name: Wrong # Pins	From State: Aqcuire Image & Find Pin Edges	To State: Fail inspection	Priority 1
	Transition active if:	Step Status is Equal to False		
Transition 3	Name: default	From State: Aqcuire Image & Find Pin Edges	To State: Check Pin Gap	Priority 2
	Transition always true.			
Transition 4	Name: Failed	From State: Check Pin Gap	To State: Fail inspection	Priority 1
	Transition active if:	Step Status is Equal to False		
Transition 5	Name: Repeat for Next Pin	From State: Check Pin Gap	To State: Check Pin Gap	Priority 2
	Transition active if:	Remaining Objects is Greater than 1		
Transition 6	Name: default	From State: Check Pin Gap	To State: Pass inspection	Priority 3
	Transition always true.			
Transition 7	Name: default	From State: Fail inspection	To State: End	Priority 1
	Transition always true.			
Transition 8	Name: default	From State: Pass inspection	To State: End	Priority 1
	Transition always true.			