

ES-301 Transient and Event Checklist Form ES-301-5

Facility: Dresden Date of Exam: 4/6/2015 Operating Test Number: 14-1 (2015-301)

A P P L I C A N T	E V E N T T Y P E	Scenarios												T O T A L	M I N I M U M (*)		
		1			2			3			4						
		C R E W P O S I T I O N			C R E W P O S I T I O N			C R E W P O S I T I O N			C R E W P O S I T I O N						
		S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P				
													R	I	U		
SRO-I #1 <input checked="" type="checkbox"/>	RX	2				2								2	1	1	0
	NOR	1							1					2	1	1	1
	I/C	3,4,5,6				1,4			2,3,4,5					10	4	4	2
	MAJ	7,8				6,7,8			6,7					7	2	2	1
	TS	3,4							2,3,4					5	0	2	2
SRO-I #2 <input checked="" type="checkbox"/>	RX		2			2								2	1	1	0
	NOR													0	1	1	1
	I/C		3, 6			1,3,4,5					3,5			8	4	4	2
	MAJ		7,8			6,7,8					6,7			7	2	2	1
	TS					4,5								2	0	2	2
RO #1 <input checked="" type="checkbox"/>	RX													0	1	1	0
	NOR			1					1					2	1	1	1
	I/C			4,5				3,5	2,4					6	4	4	2
	MAJ			7,8				6,7,8	6,7					7	2	2	1
	TS													0	0	2	2

Instructions:

1. Check the applicant level and enter the operating test number and Form ES-D-1 event numbers for each event type; TS are not applicable for RO applicants. ROs must serve in both the "at-the-controls (ATC)" and "balance-of-plant (BOP)" positions; Instant SROs must serve in both the SRO and the ATC positions, including at least two instrument or component (I/C) malfunctions and one major transient in the ATC position. If an Instant SRO additionally serves in the BOP position, one I/C malfunction can be credited toward the two I/C malfunctions required for the ATC position.
2. Reactivity manipulations may be conducted under normal or *controlled* abnormal conditions (refer to Section D.5.d) but must be significant per Section C.2.a of Appendix D. (*) Reactivity and normal evolutions may be replaced with additional instrument or component malfunctions on a 1-for-1 basis.
3. Whenever practical, both instrument and component malfunctions should be included; only those that require verifiable actions that provide insight to the applicant's competence count toward the minimum requirements specified for the applicant's license level in the right-hand columns.

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		1			2			3			4							
		C R E W P O S I T I O N			C R E W P O S I T I O N			C R E W P O S I T I O N			C R E W P O S I T I O N							
		S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P					
														R	I	U		
SRO-I #3 <input checked="" type="checkbox"/>	RX	2				2								2	1	1	0	
	NOR	1							1					2	1	1	1	
	I/C	3,4,5,6				1,4			2,3,4,5					10	4	4	2	
	MAJ	7,8				6,7,8			6,7					7	2	2	1	
	TS	3,4							2,3,4					5	0	2	2	
SRO-I #4 <input checked="" type="checkbox"/>	RX		2			2								2	1	1	0	
	NOR													0	1	1	1	
	I/C		3, 6			1,3,4,5					3,5			8	4	4	2	
	MAJ		7,8			6,7,8					6,7			7	2	2	1	
	TS					4,5								2	0	2	2	
RO #2 <input checked="" type="checkbox"/>	RX													0	1	1	0	
	NOR			1					1					2	1	1	1	
	I/C			4,5				3,5	2,4					6	4	4	2	
	MAJ			7,8				6,7,8	6,7					7	2	2	1	
	TS													0	0	2	2	

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		1			2			3			4						
		C R E W P O S I T I O N			C R E W P O S I T I O N			C R E W P O S I T I O N			C R E W P O S I T I O N						
		S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P				
													R	I	U		
SRO-I #5 <input checked="" type="checkbox"/>	RX	2				2								2	1	1	0
	NOR	1							1					2	1	1	1
	I/C	3,4,5,6				1,4			2,3,4,5					10	4	4	2
	MAJ	7,8				6,7,8			6,7					7	2	2	1
	TS	3,4							2,3,4					5	0	2	2
SRO-I #6 <input checked="" type="checkbox"/>	RX		2			2								2	1	1	0
	NOR													0	1	1	1
	I/C		3, 6			1,3,4,5					3,5			8	4	4	2
	MAJ		7,8			6,7,8					6,7			7	2	2	1
	TS					4,5								2	0	2	2
RO #3 <input checked="" type="checkbox"/>	RX													0	1	1	0
	NOR			1						1				2	1	1	1
	I/C			4,5				3,5		2,4				6	4	4	2
	MAJ			7,8				6,7,8		6,7				7	2	2	1
	TS													0	0	2	2

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		1			2			3			4						
		C R E W P O S I T I O N			C R E W P O S I T I O N			C R E W P O S I T I O N			C R E W P O S I T I O N						
		S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P				
													R	I	U		
SRO-I #7 <input checked="" type="checkbox"/>	RX	2				2								2	1	1	0
	NOR	1							1					2	1	1	1
	I/C	3,4,5,6				1,4			2,3,4,5,6					11	4	4	2
	MAJ	7,8				6,7,8			7,8					7	2	2	1
	TS	3,4							2,3,4					5	0	2	2
RO #4 <input checked="" type="checkbox"/>	RX		2											1	1	1	0
	NOR													0	1	1	1
	I/C		3,6				3,5			3,5				6	4	4	2
	MAJ		7,8				6,7,8			7,8				7	2	2	1
	TS													0	0	2	2
RO #5 <input checked="" type="checkbox"/>	RX													0	1	1	0
	NOR			1					1					2	1	1	1
	I/C			4,5					2,4,6					5	4	4	2
	MAJ			7,8					7,8					4	2	2	1
	TS													0	0	2	2

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