

Review Worksheet

NOTE 1: BOLD LOK is different from Licensee's evaluation

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
1	F	3										N	N	U	
2	H	3										Y	N	ME	C not credible
3	H	3										N	N	S	
4	H	3										Y	N	U	
5	H	3										Y	N	S	
6	H	3										Y	N	S	
7	H	3										Y	N	S	
8	F	3										Y	N	S	
9	H	3										Y	N	S	
10	H	3										Y	N	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
11	H	3										Y	N	S	
12	F	3										Y	N	u	A,B implausible because Eps are provided minimize use of "should"
13	H	3										Y*	N	S	
14	F	3										Y	N	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
15	F	3										Y	N	S	
16	H	3										Y	N	E	Need to confirm realistic conditions -flowrates, alarms
17	F	3										Y	N	S	
18	F	3										Y	N	U	Implausible distractors - stem is cold shutdown, B & C refer to hot full power

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
19	H	3										Y	N	E	explain correct answer - CAF
20	H	3										Y	N	S	
21	H	3										Y	N	E	Very similar to another question; ensure no duplication exists
22	F	3										Y	N	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
23	H	3										Y	N	ME	LPCI won't feed at NOP
24	F	2										Y	N	S	
25	F	3										Y	N	S	
26	H	3										Y	N	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
27	F	2										Y	N	S	
28	H	2										Y	N	S	
29	F	3										Y	N	E	Ensure realistic stem conditions
30	H	3										Y	N	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
31	H	3										Y	N	S*	
32	H	3										Y	N	S	
33	H	3										Y	N	S	
34	F	3										Y	N	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
35	F	2										Y	N	S	
36	H	3										Y	N	S	
37	H	3										Y	N	S	
38	F	3										Y	N	S	



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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
39	H	3										Y	N	S	
40	F	3										Y	N	S	
41	F	2										Y	N	S	
42	H	3										Y	N	S	

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
43	F	2										Y	N	S	
44	F	3										Y	N	E	Verify answer Spellcheck
45	F	2										Y	N	S	
46	F	1	x									Y	N	U	Convouleted stem. Hard to understand - Change to format in question 96

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only		
47	F	3										Y	N	S	
48	F	3										Y	N	U	Distractor D stands out because it is physically shorter than the others
49	F	2										Y	N	S	
50	H	3										Y	N	E	Capitalize "control rom"

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
51	H	3										Y	N	S	
52	F	3										Y	N	ME/U	May be too many Instrument Air questions (oversampling?)
53	F	3										Y	N	S	
54	F	3										Y	N	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
55	F	2										Y	N	S	
56	F	3										Y	N	S	
57	H	3										Y	N	U	
58	H	2										Y	N	S	

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
59	F	1										Y	N	U	Ask a loss of bus question, what's on the bus
60	F	2										Y	N	S	
61	H	2										Y	N	S	
62	F	3										Y	N	S	

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only		
63	F	3										Y	N	S	
64	F	3										Y	N	S	
65	F	3										Y	N	S	
66	F	3										Y	N	S	

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
67	H	3										Y	N	S	
68	F	1		X								Y	N	U	KA says recognize condition, you're telling operator its inop Don't give away that it's a TS
69	F	3										Y	N	S	
70	F	3										Y	N	S	
71	H	3										Y	N	S	



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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
72	F	2										Y	N	S	
73	F	3										N	N	S	
74	F	2										Y	N	S	
75	H	3										Y	N	S	

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only		
76	H	3										Y	Y	E	Cuing in A and B related to stem
77	H	3										Y	Y	E	CAF 36 hours 43.3 vs 43.5 TS vs procedure
78	H	3										Y	Y	E	43.3 vs 43.5
79	H	3										Y	Y	U	B,D Implausible

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
80	H	3										N	Y	E	Reword - what are design basis consequences?
81	H	3										Y	Y	U	Ensure no direct look up of valve numbers in EOPs B, D implausible - supp pool vs drywell
82	H	3										Y	Y	E	Ensure 21 psig credible for a feedwater break with scram.
83	F	3										Y	Y	E	A and C Can be easily eliminated with direct look up in NDAP  -no, this is based on an actual operator error

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
84	H	3										Y	N	S	
85	F	3										Y	Y	E	Ensure conditions in stem realistic Why doesn't RCIC trip  - based on a plant event
86	H	3										Y	Y	U	Use of BPVs not plausible at 55% poewer  A,B implausible
87	H	3										Y	Y	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
88	H	3										Y	N	S	Power supply question state which 55.43 item
89	H	3										Y	N	S	State which 55.43 item
90	H	2										Y	Y	E	Compress the question no "shoulds" if it's a procedure
91	F	3										Y	Y	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
92	F	2										Y	Y	S	
93	H	3										Y	Y	U	K/A mismatch
94	H	3										Y	Y	S	"
95	F	2										Y	Y	S	

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
96	F	3										Y	Y	U	Distractor "D" should specify Post-Maintenance Testing Note: This format should be used for all 2 part questions - Replace, this isn't fixable
97	F	3										Y	Y	E	
98	F	2										Y	Y	U	Distractors A and D implausible with existing stem (venting)
99	F	2										Y	N	E	Beef up the actions

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only			
100	F	2											Y	Y	S	

Instructions

[Refer to Section D of ES-401 and Appendix B for additional information regarding each of the following concepts.]

1. Enter the level of knowledge (LOK) of each question as either (F)undamental or (H)igher cognitive level.
2. Enter the level of difficulty (LOD) of each question using a 1 - 5 (easy - difficult) rating scale (questions in the 2 - 4 range are acceptable).
3. Check the appropriate box if a psychometric flaw is identified:
  - The stem lacks sufficient focus to elicit the correct answer (e.g., unclear intent, more information is needed, or too much needless information).
  - The stem or distractors contain cues (i.e., clues, specific determiners, phrasing, length, etc).
  - The answer choices are a collection of unrelated true/false statements.
  - One or more ~~than one~~ distractors is not credible.
  - One or more distractors is (are) partially correct (e.g., if the applicant can make unstated assumptions that are not contradicted by stem).
4. Check the appropriate box if a job content error is identified:
  - The question is not linked to the job requirements (i.e., the question has a valid K/A but, as written, is not operational in content).
  - The question requires the recall of knowledge that is too specific for the closed reference test mode (i.e., it is not required to be known from memory).
  - The question contains data with an unrealistic level of accuracy or inconsistent units (e.g., panel meter in percent with question in gallons).
  - The question requires reverse logic or application compared to the job requirements.
5. Check questions that are sampled for conformance with the approved K/A and those that are designated SRO-only (K/A and license level mismatches are unacceptable).
6. Based on the reviewer's judgment, is the question as written (U)nacceptable (requiring repair or replacement), in need of (E)ditorial enhancement, or (S)atisfactory?
7. At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).