

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	H	2				X								U	m/u malf not cred. Tripped/not; normal borate, emer borate 2 correct - fixed
2	H	3						X						E	Level vs press good q; link to controllers minutia; ask direct Q, still KA-OK
3	F	2												S	
4	H	3												S	
5	F	2												S	
6	H	2										U		U	KA wants reason for CCW auto actions; Q asks reason for operator manual response to the auto action. - replaced
7	H	2												S	
8	H	2												E	b,d if high-high actuates, high would be in as well

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9	H	2				X								U	a, b levels won't rise if flows matched. Say "stabilize > 20%" fixed
10	F	3												S	
11	H	3												S	
12	H	2												S	
13	F	2												S	
14	H	2												S	
15	H	3												S	
16	H	2												S	

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17	F	2												S	I	
18	H	2												S		
19	H	2												S		
20	H	3										U		U		No interpretation of control room indications fixed
21	F	2												S		
22	H	2												S		
23	F	3												E		Dist "D" – procedure says stop all, not "the remaining" RCP
24	F	4												S		

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25	F	1												U	KA MM fix ka
26	F	2												S	
27	H	3												S	
28	H	3												S	
29	H	2												S	
30	H	3												S	
31	F	2												S	
32	H	3												S	

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33	F	2												S	
34	F	1												E	Window dressing
35	H	3												S	
36	F	2										U		U	Q does not ask about the position indicator - fixed
37	F	3												S	
38	H	3												S	
39	H	2												S	
40	H	2												E	Swap last two bullets

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41	F	2												E	Word eng
42	F	3												E	Word eng
43	H	2												S	Verify nat circ c/d > 25 deg/hr
44	F	2												S	
45	F	3												S	
46	H	1												U	replaced
47	F	3												S	
48	F	2												S	

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49	F	2												S	
50	F	2												S	
51	H	2												S	
52	F	1												E	Ask more generic "which has what isolation?" multi inst
53	H	3												E	Make the connection to RHR in the Q
54	H	2												S	
55	H	2												S	
56	F	2												S	

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57	H	3												S	
58	H	2												S	
59	F	3		X										U	Remove CRDM status, cues out A, C - fixed
60	F	2												S	
61														E	Similar to earlier Q, B implausible, - fixed
62	H	2												E	Is cont purge i/s during fuel handling? Maybe Pp samples periodically - fixed
63	H	3												U	A,c imp - fixed
64	F	2												S	

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65	F	2												S	
66	H	2												E	Remove procedure ref
67	F	3												S	
68	F	1												U	Ask a tagging question, or battery ventilation - replaced
69	F	2												E	"A" not a TS item
70	H	3												S	
71	H	3												S	
72	F	3												S	

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73	F	3												E	wording
74	F	2												E	wording
75	H	3												S	

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76	H	3											X	U	c subset of d - fixed
77	H	2											X	E	Ask actions, proc; not just which proc contains the given actions - fixed
78	H	3											X	E	Add "inop" to b
79	H	3											X	S	
80	H	3											X	S	
81	F	4											X	S	
82	H	2											X	S	
83	H	2											X	E	May need CSFSTs; yellow path setpoints from memory? OK

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84	H	3											X	S		
85	H	3											U	X	U	Does not require basis to come up with action. Need to ask basis.
86	H	3											X	S		
87	F	3				U							X	S		
88	F	2											X	S		
89	H	3											X	S		
90	H	2				?							X	U	Sump blockage? fixed	
91	H	2											X	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.
 - The One or more distractors are is not credible; single implausible distractors should be repaired, more than one is unacceptable.
 - 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).
- f. 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?

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		
92	H	2												S	
93	H	4											X	E	Of course one is out; ask which one instead of one out / none out
94	H	2											X	E	Word eng C
95	F	2											X	U	Make action IAW procedure; B always correct
96	F	2											X	E	Make clear that operator A is getting an additional penetration in stem
97	F	2											no	U	Previous NRC exam? Not a KA match, does not involve use of RMS fixed
98	F	2											X	S	
99	H	2											X	E	"While continuing" vice "and continue"; conveys parallel action idea better
100	H	2											X	S	

Instructions

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