

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	2.0											x		S	new.
2	F	2.0													S	bank.
3	H	2.0													S	bank.
4	F	2.0											x		S	bank.
5	H	2.0											x		E	bank. The question should be in past-tense. The plant was . . . corrected
6	H	2.0													S	bank.
7	F	2.5											x		S	bank.
8	F	2.0													S	new
9	H	2.0													S	new
10	H	2.0													S	new
11	H	2.5													S	new.

Instructions

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

- Enter the level of knowledge (LOK) of each question as either (F)undamental or (H)igher cognitive level.
- 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).
- 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 distractors are 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).
- 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.
- 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).
- Based on the reviewer's judgment, is the question as written (U)nsatisfactory (requiring repair or replacement), in need of (E)ditorial enhancement, or (S)atisfactory?
- At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).

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12	H	2.5										x		S	new.
13	H	2.0										x		S	modified.
14	F	2.0										x		S	bank.
15	H	2.0												S	bank.
16	H	2.0												S	bank.
17	H	2.0										x		S	bank.
18	H	2.0												S	new
19	H	2.5										x		S	new.
20	F	2.0												S	new.
21	H	2.0												S	new.
22	F	2.0										x		S	new.
23	F	2.0				x						x		E U	bank. Non-credible distractors. Make some less than 15 seconds. <i>Distractors found to be credible based on other time requirements. However, changed distractors to more realistic times.</i>
24	F	2.0												S	new.
25	F	2.5										x		S	bank.
26	F	2.0												S	bank.
27	H	2.0												S	bank.
28	H	2.5										x		S	bank.
29	H	2.0										x		S	bank
30	F	2.0										x		S	bank.
31	H	2.0										x		S	modified. Are we providing the graph? <i>Correct graph.</i>
32	H	2.5												S	new.
33	H	2.5												S	new.
34	H	2.0										x		S	new.

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35	H	2.0											x		S	new.
36	H	2.5											x		S	bank.
37	H	2.0											x		U	bank. Not a higher skill question. Probably memorized. Distractors b, c, and d modified.
38	F	2.0													S	new.
39	H	2.0													S	bank.
40	F	2.5													S U	bank. Not a Fundamental question. Also, re-write distractor d. so it can't be mis-interpreted. Appears to be a throw-away because the steam leak will affect SIS & Containment Spray. The facility agreed it was not a fundamental question. After face-to-face discussion with the utility, it was determined that the remaining portions of the question were satisfactory without modification.
41	H	2.0													S	bank.
42	H	2.0													S U	new. Not a fundamental question. Material is required to be memorized at the station.
43	H	2.0											x		S	bank
44	F	2.0													S	bank.
45	F	2.0											x		E	new. Remove "due" from distractor "a." Rework distractor "d." to remove "due" from that distractor. Left as-is, station language.
46	H	2.5													E	new. Some verbs are missing from the distractors that need to be added to correct sentence structure. Corrected.
47	F	2.0													S	bank.
48	F	2.0											x		E	new. "the" upper reservoir Not changed.
49	F	2.0											x		S	new.
50	H	2.5													S	bank.
51	F	2.5													S	bank.
52	F	2.5													S	bank.
53	H	2.0													U	bank. Not a higher skill. Agreed.

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54	H	2.0												S	bank.
55	F	3.5												S	bank.
56	H	2.5												S	new.
57	F	2.0												S	bank.
58	H	2.0												S	new.
59	F	2.0												S	new.
60	H	2.0										x		U	new. Not a higher skill question. Agreed.
61	H	2.0												S	bank.
62	H	2.5												S	new.
63	H	2.0												E	bank.
64	F	2.0												S	modified.
65	F	2.0												S ∪	bank. Implausible distractors. (a.) & (c.). Required to be known from memory – distractors a. & c. are from the fire procedure – plausible.
66	H	2.0												S	bank.
67	H	2.5												S	new.
68	F	2.0												S	bank.
69	H	2.5												U	new. This is an SRO tech spec application question. Agreed – replaced
70	H	2.0												U	bank. This is an SRO tech spec application question Agreed – replaced.
71	F	2.0												S	new.
72	F	2.0												S	bank.
73	F	2.0												S	bank.
74	F	2.0												S	bank.
75	F	2.0												S	new.
76	H	2.5											x	S	new.

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77	H	2.5											x	S	new.	
78	F	2.0												x	S	new.
79	H	2.0												x	S	new.
80	H	2.0										x	x	S	bank.	
81	H	2.0												x	S	new.
82	H	2.0										x	x	S	new.	
83	H	2.0										x	x	U	new. Not a high skill question – memory only question.	
84	F	2.0				x								x	U	new. Two implausible distractors. The tech spec for leakage is a memorized value. The other two distractors are not plausible. Difficulty level <2.0. Values changed to correct values.
85	H	2.0												x	U	modified. Not a high skill question – memory only. Agreed
86	H	2.0										x	x	S	New	
87	F	2.0												x	U	new. Stem says pressurizer heater status, first status is p2r level. Not an SRO question. Both parts of the question are system level questions. Modified question to contain tech spec call.
88	H	2.0										x	x	S	new	
89	F	2.5												x	S	new.
90	H	2.5												x	U	bank. Not an SRO question. The question may be answered with system knowledge. Agreed. Modified question to add procedure selection.
91	H	2.0												x	U	new. Not an SRO question. The question may be answered with an RO's understanding of the system and annunciator response procedures. The question is acceptable. It requires the SRO to select the procedure used for the conditions.
92	H	2.0												x	U	new. Not an SRO question. EOP entry conditions are required to be memorized by the ROs. Agreed. Changed question to contain an SRO portion – highest importance status tree.
93	F	2.0												x	S	new.
94	F	2.0												x	E	new. At times distractor a. is correct. Change stem to eliminate distractor a. as a correct answer. Station made no change. Distractor a. is incorrect as written.

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95	H	2.0											x	U	bank. Not an SRO only. Question tests tech spec entry conditions. Agreed. Replaced question.
96	F	2.0				x							x	S	bank.
97	F	2.0											x	S	new.
98	H	2.0											x	U	bank. Not higher skill. Material must be memorized to arrive at the correct answer. Changed to incorporate Site Emergency Director actions.
99	F	2.0											x	S	new.
100	F	2.0											x	S	new.