

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		
1	H	3												S	
2	H	2												E	KA TYPO
3	F	2												S	
4	H	2												S	
5	H	2										X		U	GIVES WHAT KA WANTS
6	H	3												U	IMPLAUSIBLE DISTRACTORS; FIXED
7	F	2												S	
8	H	3												E	ADD LEVEL INFO IN STEM

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9	H	2												S	
10	H	2												S	
11	F	2												S	
12	F	2												S	
13	H	3												S	
14	H	3												S	
15	H	2												S	
16	H	3												S	

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17	H	2												S	
18	H	3												S/E	BACKWARDS LOGIC, SHOW SOMETHING WRONG?
19	H	2												S	
20	H	2												S	
21												X		U	REWRITE, Q UNRELATED TO KA
22	F	2												S	
23	F	2												S	
24	H	3												S	

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25	F	2												E	DO NOT SAY APPROXIMATE
26	H	3												S	
27	F	3												S	
28												X			DOES NOT ASK KA; RESELECT
29	H	2												S	
30	F	2												E	FIX KA NO, FIX POTENTIAL MULTI CORRECT WORD ENGINEERING
31	F	3												S	
32	H	3												S	

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33	H	3												S	
34	H	2												E	VALVE POSITION IN STEM
35	F	2												S	
36	F	2												S	
37	F	2												S	
38	H	3												S	
39	H	3				X								E	IMPLAUSIBLE DISTRACTOR A
40	H	2												S	

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41	F	2										?		E/U	EXPLAIN RELATION TO NAT CIRC - OK
42	H	3												E	B SUBSET
43	H	3												S	
44	H	2												S	
45	F	2												S	FIX KA NUMBER
46	F	2												S	
47	F	2												S	
48	H	3												S	

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49	F	2												S	
50	F	3												S	
51	H	3												S	
52	H	3												S	
53	H	2												S	
54												X		U	NOT REFUELING ACCIDENT
55	H	2												S	
56	H	3												E	CONTROL ROOM AVAILABILITY WORD ENGINEERING

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57												X		U	KA MM FIX KA
58	F	2												S	
59	H	3												S	
60	H	2		X										E	REMOVE ONE COLUMN IN DISTRACTORS, TOO MUCH HINT
61	H	2												S	
62	H	3												S	
63	H	3												S	
64	H	2												S	

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66	F	2												S	
67	H	3												S	
68	H	3				X								U	D IS A SUBSET SECOND CORRECT ANS
69	F	2												U	A SUBSET OF D
70	F	2												S	
71	F	2												S	
72	H	3												E	GIVE SP LEVEL

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74	H	2												S	
75	F	2												S	
76	H	3												U	A, B IMPLAUSIBLE
77	H	2												S	
78	H	2											X	U	RO LEVEL
79	H	4												S	
80	H	3												E	ADD PROCEDURE

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82	H	3												S	
83	F	3												S	
84	H	3												E	ADD PROCEDURE
85	H	3												U/E	FIX STEM SO ONLY 1 CORRECT ANSWER
86	F	2												U	'ALL ACTIONS' ELSE ALL ANSWERS CORRECT
87	H	2												S	
88	H	2												S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only		
89	H	1												U	DLO AND NO CORRECT ANSWER
90	H	2												E	REMOVE WINDOW DRESSING
91	H	2												S	
92	H	2												E	EFFECT OF ACTIONS, NOT FIRE
93	H	2												S	
94	H	2												S	
95	F	3												S	
96	H	2										X		U/OK?	KNOWLEDGE OF HAZARD, NOT ECG

## 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 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).
- 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)nacceptable (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).



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		
97	H	2												E	
98	H	2												S	
99	H	2												U/E	NOT ANOTHER ECG
100	F	1												U	REPLACE

#### Instructions

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

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- 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).
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- 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?
- At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).