| Q# | 1. LOK (F/H) | 2. LOD (1-5) | 3. Psychometric Flaws | | | | | 4. Job Content Flaws | | | | 5. Other | | 6. | 7. |
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only	U/E/S	Explanation
1	F	2										Y	N	S	
2	H	2										Y	N	S	
3	H	2										Y	N	E	delete recommendation to trip p/p
4	F	2										Y	N	S	
5	F	2										Y	N	E	delete "... expected ..."
6	F	2										Y	N	S	
7	H	2										Y	N	S	
8	H	3										Y	N	S	
9	H	2										Y	N	S	
10	F	2										Y	N	E	delete "... expected ..."

Instructions

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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).

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   - 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.
   - More than one distractor 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).

| Q# | 1. LOK (F/H) | 2. LOD (1-5) | 3. Psychometric Flaws | | | | | 4. Job Content Flaws | | | | 5. Other | | 6. | 7. |
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only	U/E/S	Explanation
11	F	2										Y	N	S	
12	F	2	X									Y	N	E	background info regarding subcooling and ICCM is unnecessary: delete this part of the stem
13	F	2										Y	N	S	
14	F	2										Y	N	S	
15	H	2										Y	N	S	
16	F	2										Y	N	S	
17	H	2										Y	N	E	delete "... expected ..."
18	F	2										Y	N	S	
19	F	2										Y	N	E	delete "... expected ..."
20	H	2										Y	N	S	
21	F	2										Y	N	E	delete "... expected ..."
22	F	2										Y	N	S	
23	H	2										Y	N	S	
24	H	2										Y	N	S	
25	H	2										Y	N	S	
26	H	2										Y	N	S	
27	F	2										Y	N	S	
28	F	2										Y	N	E	add procedure reference
29	H	2										Y	N	E	temperature has initial effect, then power response
30	F	2										Y	N	S	

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6.	7.
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only	U/E/S	Explanation
31	H	2										Y	N	S	
32	F	2										Y	N	S	
33	F	2										Y	N	E	add procedure reference
34	H	3										Y	N	S	
35	H	2				X						Y	N	E	add "minimum" just before " ... amount of boric acid ... "
37	H	2										Y	N	E	add procedure reference
38	H	2										Y	N	S	
39	F	2										Y	N	S	
40	F	2										Y	N	E	add procedure reference
41	F	2										Y	N	E	add procedure reference
42	H	2										Y	N	S	
43	H	2										Y	N	S	
44	H	2										Y	N	S	
45	H	2				X						Y	N	E	add " minimum" to "... approximate time ..."
46	F	2										Y	N	S	
47	H	2										Y	N	S	
48	H	2										Y	N	S	
49	F	2										Y	N	S	
52	H	2										Y	N	E	ask which area is probable fire location
53	F	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	Back-ward	Q= K/A	SRO Only		
54	H	2										Y	N	S	
55	H	2										Y	N	S	
56	H	3										Y	N	E	replace "... stop the SI p/ps ..." with "... terminate SI ..."
58	F	2										Y	N	S	
59	H	2	X									Y	N	E	delete that the crew suspects PORV problem; delete "... expected ..." ask what indications confirm PORV is partially stuck, etc.
60	H	2										Y	N	S	
61	H	2										Y	N	S	
62	F	2										Y	N	E	answer includes a basis: add to Q
63	F	2										Y	N	S	
64	H	3										Y	N	E	delete "... appropriate ..."
65	H	2										Y	N	S	
68	F	2										Y	N	S	
69	H	2										Y	N	S	
70	F	2										Y	N	S	
34	H	2			X							Y	N	E	add "... if any ..." to stem

BV1 Written Examination
RO Only Review Worksheet

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6.	7.
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only	U/E/S	Explanation
36	F	2										Y	N	S	
50	H	3										Y	N	S	
51	F	1										Y	N	U	not discriminating; modify or replace
57	H	3										Y	N	E	delete "... should"
66	H	3										Y	N	S	
67	H	3										Y	N	S	
71	F	2										Y	N	E	delete "...expected..."
72	F	2										Y	N	E	delete "...expected..."
73	H	2										Y	N	S	
74	F	2										Y	N	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.

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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).
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   - More than one distractor 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).
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   - 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).

| Q# | 1. LOK (F/H) | 2. LOD (1-5) | 3. Psychometric Flaws | | | | | 4. Job Content Flaws | | | | 5. Other | | 6. | 7. |
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only	U/E/S	Explanation
75	H	2				X						Y	N	E	delete "...expected..." Also, level drop is not credible - provide at least one more credible distractor
76	H	2										Y	N	E	delete "...expected..."
77	F	2										Y	N	S	
78	H	2										Y	N	E	add procedure reference
79	F	2				X						Y	N	E	valves isolate on high rad alarms: provide at least one more credible distractor
80	F	2										Y	N	S	
81	F	2										Y	N	E	delete "...expected..."
82	F	2										Y	N	U	essentially same type of Q as #83; replace either 82 or 83
83	F	2										Y	N	U	see comment above
85	F	2										Y	N	S	
86	H	2										Y	N	S	
87	H	3				X						Y	N	E	provide a reasonable time span to "following the loss of power"
88	F	2										Y	N	S	
89	F	2										Y	N	E	set up stem to provide a loss of some piece of equipment as the effect on the SAC
90	F	2										Y	N	S	
91	F	2										Y	N	S	
92	F	2										Y	N	E	add procedure reference
93	F	2										Y	N	S	
94	F	2										Y	N	E	provide list of annunciator groups; ask examinee to pick priority
95	H	2										Y	N	S	

| Q# | 1. LOK (F/H) | 2. LOD (1-5) | 3. Psychometric Flaws | | | | | 4. Job Content Flaws | | | | 5. Other | | 6. | 7. |
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only	U/E/S	Explanation
96	F	2										Y	N	S	
97	F	2										Y	N	S	
98	F	2				X						Y	N	E	reasons in distractors C & D are the same; modify at least one
99	F	2										Y	N	E	delete " ... expected ..."
100	H	2										Y	N	S	

| Q# | 1. LOK (F/H) | 2. LOD (1-5) | 3. Psychometric Flaws | | | | | 4. Job Content Flaws | | | | 5. Other | | 6. | 7. |
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only	U/E/S	Explanation
36	F	2										Y	Y	S	
50	F	2										Y	Y	S	
51	H	2										Y	Y	S	
57	H	3										Y	Y	S	
66	H	2										Y	Y	S	
67	F	2										Y	N	S	System Q, ID'd as 55.41 by facility
71	H	2										Y	Y	E	Suggest distractor C be 60 gpm
72	H	2										Y	Y	S	
73	H	2										Y	N	S	System Q, ID'd as 55.41 by facility
74	H	2										Y	Y	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Back-ward	Q=K/A	SRO Only	U/E/S	Explanation
75	H	2										Y	Y	S	
76	F	2										Y	N	S	System Q, ID'd as 55.41 by facility
77	F	2										Y	Y	S	
78	H	2										Y	Y	E	Replace should w/required
79	H	2										Y	Y	S	
80	H	2										Y	Y	S	
81	H	2										Y	Y	S	
82	H	1		X								Y	Y	U	DIRECT LOOKUP IN PROVIDED REFERENCE, QUESTION BASICALLY TELLS YOU ITS INOP
83	F	1										N	N	U	KNOW WHAT "ARPI" IS, ELIMINATE 3 DISTRACTORS KA IS WHAT IS PURPOSE, YET Q IS HOW IT WORKS
85	F	2										Y	Y	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only		
86	H	2										Y	N	S	System Q, ID'd as 55.41 by facility
87	F	2										Y	Y	S	
88	F	2										Y	Y	S	
89	H	2										Y	Y	E	Revise choices to follow simpler format: "May perform..." "May not perform ..."
90	H	2										Y	Y	E	Revise choices so that words follow EOP verbage
91	F	2										Y	N	E	System Q, ID'd as 55.41 by facility; add procedure reference
92	F	2										Y	N	S	System Q, ID'd as 55.41 by facility
93	F	1						X				Y	N	U	System Q, ID'd as 55.41 by facility; too simple - GET level
94	F	2										Y	Y	S	
95	F	2										Y	Y	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only		
96	F	2										Y	Y	E	Delete "...you will use..."; replace w/"used"
97	F	2										Y	N	S	System Q, ID'd as 55.41 by facility
99	F	1				X						Y	N	E	System Q, ID'd as 55.41 by facility; add "... if any, ..." to stem
100	H	2										Y	Y	E	replace "... should be taken" with "are required"
98	H	2										Y	Y	S	

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