

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											Y	Y	S	
2	H	3											Y	N	S	
3	F	2											Y	N	S	
4	H	3											Y	N	S	
5	F	2											Y	N	E	Modify stem: "Reason for R/B is ..."; minimize a&b; prevent c&d
6	F	2											Y	N	E	Add "torus" modifier to high temperature condition; add > 1 minute somewhere in stem to eliminate distractor a
7	H	3											Y	N	E	Re-word: A SBLOCA "has" occurred ... ; torus cooling "has been" placed i/s ... ; "Subsequently", a LBLOCA occurs ... ; "What is the response" ... ; change tense of distractors "isolate(s)"
8	F	2											N	N	S	
9	F	2											Y	Y	S	
10	F	2	X										Y	Y	E	Delete entire "Considering ... Control Room" sentence

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.
  - 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).
- 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).

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11	H	3										Y	N	E	Add procedure reference to stem
12	H	4										Y	Y	S	
13	H	4										Y	Y	S	
14	F	2	X									Y	N	E	Change question to "Which three conditions ..."; add procedure reference to stem
15	F	2										Y	N	S	
16	H	3										Y	Y	S	
17	H	4										Y	N	S	
18	F	2										Y	N	S	
19	F	2										Y	Y	S	
20	F	2										Y	Y	S	
21	F	2										N	Y	E	Add procedure reference to stem
22	H	4										Y	N	S	
23	H	3										Y	Y	S	
24	F	2	X									Y	Y	E	Add procedure reference to stem; add "and why" to question
25	H	3										Y	Y	S	
26	H	3										Y	Y	S	
27	F	2										Y	N	S	
28	H	5										Y	N	E	replace "most appropriate" w/ "correct"
29	F	2		X								Y	N	U	List of conditions says DC control power lost - gives away the answer; re-do question, e.g., ask for breaker response to loss of DC control pwr
30	H	3										Y	N	E	replace "actions" w/ "strategies"; delete "generator"

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31	H	3										Y	N	S	
32	F	2										Y	N	E	Add procedure reference to stem
33	H	3										Y	N	E	Change level value to other than 82.5"; don't use Gp I isolation setpt.
34	F	2										N	Y	U	K/A does not match
35	H	3										Y	N	E	awkward choices: NOT, BUT, NOR; simplify to: level/trend is accurate/inaccurate
36	F	2										Y	N	S	
37	F	2										Y	N	E	delete "most" correct
38	H	4										Y	N	S	
39	F	2										Y	N	S	
40	H	3										Y	Y	S	
41	H	3										Y	N	E	Add procedure reference to stem
42	H	4										Y	N	S	
43	H	3										Y	N	S	
44	F	2										Y	N	E	Add procedure reference to stem
45	F	2										Y	N	S	
46	F	2										Y	N	E	delete "it is expected"
47	H	3										Y	N	E	simplify Q, e.g.: "A" CS response will be:"
48	H	3										Y	N	S	
49	F	2										Y	N	S	
50	F	2										Y	N	E	simplify Q, e.g., "SLC response will be:"

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51	H	3										Y	N	S	
52	H	3										Y	N	E	modify Q, e.g., "When LPRM is bypassed, plant response will be:"
53	H	1										Y	Y	E	add procedure reference
54	H	3										Y	Y	S	
55	H	3										Y	N	S	
56	H	3										Y	N	E	add procedure reference; add "what action is required..." to question
57	H	3	X									Y	Y	E	add classification level to Q (not just EAL)
58	H	2										Y	N	S	
59	F	2										Y	N	E	add procedure reference
60	H	3										Y	N	S	
61	H	3										Y	N	E	delete "you" reference; re-phrase Q, e.g., : ... " the isolation would _ "
62	F	2										Y	N	E	" ; re-phrase Q, e.g., ..." the SBGT valves would:"
63	H	4					X					Y	Y	U	distractor a is also correct if charger not placed i/s; modify distractors
64	F	2										Y	N	S	
65	H	3					X					Y	N	U	distractor b also correct; modify Q to "... what is effect on Rx bldg..."
66	H	4										Y	N	E	Change Q to "What is response ..."
67	H	3										Y	N	E	Move pwr level info to end of stem; simplify Q, e.g., "What is effect on rod motion"
68	F	2										Y	N	S	
69	H	3										Y	N	E	replace "is expected to" w/"will"
70	H	4										Y	Y	E	add procedure/TS reference

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71	H	3										Y	N	E	delete "appropriate"
72	H	3										Y	N	E	Q does not ask for reason but answers include one; add "why" to Q
73	H	3										Y	N	S	
74	F	3										Y	Y	E	re-arrange choices in increasing chronological order
75	H	3										Y	N	S	
76	F	2										Y	N	S	
77	F	2										Y	N	S	
78	F	2										Y	N	E	move electric fire pp reset to conditions para.; modify Q to ask for "fire pump" response
79	F	2										Y	N	S	
80	F	2										Y	N	S	
81	H	3										Y	N	S	
82	F	2										Y	N	S	
83	H	3										Y	N	S	
84	H	3										Y	Y	S	
85	H	4										Y	Y	S	
86	H	3										Y	N	E	delete "best"
87	F	2										Y	N	E	add procedure reference to Q
88	F	2										Y	N	E	add procedure reference to Q
89	F	2										Y	N	S	
90	F	2										Y	Y	S	

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91	H	4										Y	N	S	
92	F	2										Y	N	E	add procedure reference to Q
93	F	2										Y	N	E	add procedure reference to Q
94	F	2										Y	N	S	
95	F	2										Y	Y	E	add procedure/TS reference to Q
96	H	3										Y	N	S	
97	H	3										Y	N	E	modify question; ask for valve response if open is attempted
98	F	2										Y	N	E	change Q to ask what is required; delete "should be directed"
99	H	3										Y	N	E	add procedure reference to Q
100	F	3										Y	N	E	modify Q: "Which ... alarms indicates an abnormal system response?"; delete "would be unexpected ..."