

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. B/M/N	7. U/E/S	8. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only			
1	F	2												N	S	
2	H	3				X								N	E/S	A not credible; SCM already rising with temperature dropping/Replaced A
3	F	2												N	S	
4	H	3												B	S	
5	H	2												N	S	
6	H	2												B	S	
7	H	2												N	S	
8	H	2		X		X								N	U/S	Same as Q 34/Replaced
9	F	2												N	S	
10	H	3				X								B	U/S	Correct answer only credible distractor/Replaced

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 B 5 (easy B difficult) rating scale (questions in the 2 B 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).
- Enter question source: (B)ank, (M)odified, or (N)ew. Check that (M)odified questions meet criteria of ES-401 Section D.2.f.
- 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 AU@ ratings (e.g., how the Appendix B psychometric attributes are not being met).

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11	H	3												M	S	
12	H	3				X								N	E/S	C not credible with no reactor trip scenario/Replaced C
13	H	3				X								B	U/S	A and D are the same answer/Revised A
14	F	3	X			X								B	E/S	Change would to should**. D not credible/Revised
15	F	2	X			X								N	E/S	**; Change time increments in distractors as to not hit setpoint exactly/Revised
16	F	2	X			X								B	E/S	Cap LOWEST in stem. Stagger numbers in distractors to not hit stpt exactly/Revised
17	F	3	X											N	E/S	Add procedure in stem/Added
18	H	3				X								N	E/S	D not credible/Replaced D
19	H	3												M	S	
20	F	2	X											N	E/S	Add procedure in stem/Added
21	H	3												N	S	
22	H	2	X											B	E/S	Add procedure in stem/Added
23	H	4	X											N	E/S	Add "event" in stem/Added
24	H	3				X								B	E/S	D not plausible/Replaced D
25	H	3				X								N	E/S	Change distractor flow rates to be more realistic/Revised
26	F	3												B	S	
27	H	2				X								B	U/S	C and D not credible/Replaced Question
28	H	3	X											N	E/S	**/Revised
29	H	3				X								N	E/S	Add "continuous flow" to A/Added
30	F	2												N	S	
31	F	2				X								N	U/S	Adjust all distractors to make more credible/Adjusted
32	H	3												B	S	
33	H	3	X											M	E/S	**/Revised
34	F	2												N	U/S	Two correct answers as written/Revised stem to prevent multiple correct answers
35	F	2	X											M	E/S	**/Revised

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only			
36	F	2				X								N	U/S	Distractors not credible as written/Revised distractors to include channels 1 through 8
37	F	2												M	S	
38	H	3	X											B	E/S	Add procedure in stem/Added
39	F	3												N	S	
40	H	3				X								N	U/S	A and B not credible/Replaced Question
41	F	2	X											N	E/S	Capitalize BOTH in stem/Done
42	F	2												N	S	
43	F	2				X								N	U/S	B and D not credible/Revised B and D to make credible
44	H	3	X			X								N	E/S	**; Revise A and B to make more consistent/Revised
45	H	4	X											N	E/S	Change shall to should in stem/Revised
46	H	3												N	S	
47	H	3												B	S	
48	H	3	X			X								N	U/S	A & B both correct as written; D is "none of the above"/Revised stem and distractors
49	H	3	X											B	E/S	**/Revised
50	H	3												M	S	
51	H	3	X			X								N	E/S	**; D is "none of the above"/Revised
52	H	2												B	S	
53	F	2												B	S	
54	H	3												B	S	
55	H	3	X											B	E/S	**/Revised
56	H	3												B	S	
57	F	2												B	S	
58	F	2				X								N	E/S	Revise distractors such that all four don't have the same info in them/Revised
59	H	3												B	S	
60	H	3				X								B	U/S	B and D not credible/Revised B and D

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only			
61	H	3	X			X								B	E/S	Revise stem and distractors to make more credible/Revised
62	H	3	X											B	E/S	Add SCM and procedure in stem/Added
63	H	3												B	S	
64	H	2												N	S	
65	H	2												N	S	
66	F	2	X											B	E/S	Add "at a MINIMUM" in stem/Added
67	F	3	X											B	E/S	Add procedure in stem/Added
68	F	2	X			X								B	E/S	Add procedure in stem; revise C to make more credible/Added and revised
69	F	2												N	S	
70	F	2												B	S	
71	F	2												M	S	
72	H	3												B	S	
73	F	2	X											N	E/S	Revise stem to remove unnecessary info/Revised
74	F	2												B	S	
75	H	2												N	S	
76	H	4											X	N	S	
77	H	3	X			X							X	N	E/S	Revise question to be consistent with reference/Revised
78	H	3	X										X	N	E/S	Capitalize SPECIFICALLY in stem/Revised
79	H	4											X	N	S	
80	H	3				X							X	N	U/S	Revise A and B to avoid multiple correct answers/Revised
81	H	4		X									X	B	U/S	Direct lookup Tech Spec question/Replace
82	F	2											X	N	S	
83	H	4	X			X							X	N	E/S	A not credible; add FIRST in stem; eliminate first half of all distractors/Revised
84	H	2		X		X							X	B	U/S	Only correct answer credible + same as Q 93/Replaced
85	H	3											X	M	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only			
86	H	3												B	S	
87	H	3	X											B	E/S	Capitalize SPECIFIC in stem/Revised
88	F	2												B	S	
89	H	4				X								N	E/S	Place noun names of valves in distractors/Revised
90	H	3	X			X								B	U/S	Only correct answer credible/Replaced
91	H	3		X										B	U/S	Q duplicates scenario instrument failure/Replaced
92	H	3												B	S	
93	H	3				X								B	U/S	Only correct answer credible/Replaced
94	H	2				X								M	E/S	Revise stem to make different from original bank Q/Revised
95	H	3				X								B	E/S	A not credible/Replaced A
96	F	3												M	S	
97	F	3				X								M	E/S	Add ONLY in A; capitalize AND in distractors/Revised
98	F	3	X											B	E/S	Eliminate unnecessary info in stem/Revised stem
99	F	2												N	S	
100	H	2		X										N	U/S	Same Q as an Admin JPM/Replaced

\*\*comment generic to entire test (change “would” to “should”)