

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	Back-ward	Q=K/A	SRO Only			
1	F	4												B	S	
2	H	3												N	S	
3	H	3												B	S	
4	H	4												B	S	
5	H	2												B	S	
6	H	4												N	S	
7	H	2				A,B								B	U	A&B not plausible due to obvious pressure differential.
8	F	3												N	S	

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).
- 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 "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).

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9	H	3												B	S	
10	H	2				A								B	E	Replace A since both are obviously wrong for a LOOP.
11	F	2				A								B	E	Replace A because there is no release to the atmosphere.
12	F	2												B	S	
13	H	3												N	S	
14	F	3												B	S	
15	H	4		X										N	E	Use load(s) vs load.
16	F	2												N	S	
17	H	2				B,C								B	U	B & C not plausible. Replace.
18	H	2												N	S	
19	H	3												N	S	Fix 2 <sup>nd</sup> sentence in explanation.
20	F	2												B	S	
21	H	3												N	S	
22	H	1		A,B		A,B								M	U	Low LOD. A&B are the same. Fix Q or replace.
23	H	3												N	S	
24	F	3												N	S	
25	H	2				A								N	E	A is not plausible.
26	H	2												B	S	
27	H	4												B	S	
28	F	3												N	S	

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29	H	2												N	S	
30	F	3												N	S	
31	H	2	X											B	E	Capitalize "will" in A & C.
32	F	2												N	S	
33	F	2												B	S	
34	H	2				B,D								N	U	B&D questionable plausibility – modify.
35	F	2	X											N	E	Add bullet stating that systems respond normally.
36	H	2												B	S	
37	H	3	X											N	E	Delete "due to an automatic reactor trip."
38	H	3												B	S	
39	H	2				A,B								N	U	Add inadvertent CIA to complicate system response and effect.
40	H	3										X		B	U	There is no effect due to the loss of QS. Reselect or replace Q.
41	H	2												N	S	
42	H	3												B	S	
43	H	3												N	S	
44	F	2												B	S	
45	H	3												B	S	
46	F	3												B	S	
47	H	2												N	S	
48	F	2												B	S	

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49	H	3												B	S	
50	F	2												B	S	
51	H	3												B	S	
52	F	3												N	S	Fix explanation to specify C vs D is correct.
53	F	2												N	S	
54	H	2												N	S	
55	F	3												N	S	
56	H	2												B	S	
57	H	3												B	S	
58	H	3												M	S	
59	F	2					A							N	E	Add humidity level to stem to ensure only one correct response.
60	F	2												B	S	
61	H	2												B	S	
62	F	1	X											N	U	Ask question about a specific ARM to increase LOD.
63	H	2	X											N	E	Remove 4 <sup>th</sup> bullet. Modify stem. Delete unneeded words in A-D.
64	F	2				A,C								N	U	Reselect due to difficulty in writing discriminating Q for K/A.
65	H	3	X											B	E	Delete "in about 25 seconds" from A& B.
66	F	3				B								N	E	B not plausible – somebody has to keep track of implementation.
67	F	3												N	S	
68	H	3												B	S	

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69	F	3												N	S	
70	F	2												N	S	
71	F	3				C								N	E	C not plausible due to "exit." Replace if possible.
72	F	2												N	S	Expand explanation wrt to meeting K/A.
73	F	1												N	U	Reselect due to limited symbol usage in EOPs.
74	H	2												N	S	Expand explanation wrt to meeting K/A.
75	H	2									X			B	U	Need to use reference material to meet K/A.
76	H	2				A,C								N	U	A & C not plausible. Change increase to "stop feeding."
77	H	2	X											B	E	Delete 3 <sup>rd</sup> bullet and add "IAW procedure xxxxx" to C & D.
78	H	3												B	S	Expand explanation for not entering FR-H.1.
79	H	2	X											B	E	Delete 4 <sup>th</sup> bullet. Simplify question. Edit distracters.
80	H	3				D								N	E	Replace second part of D to make more plausible.
81	H	2												B	S	
82	H	2	X											N	E	Edit 2 <sup>nd</sup> bullet. Add corrective actions to C & D.
83	H	3												N	S	
84	H	3												B	S	
85	H	3	X											B	E	Add "IAW xxx" to A & B.
86	H	3												N	S	

