

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	H	4	X											N	E	Insert "minimum required action" to eliminate possible subset.
2	H	3	X											N	E	Move "The first RX trip signal was" to the beginning of distractors.
3	H	2	X											M	S	H vs F. State that safety valve fails full open.
4	F	2				A								M	E	Replace distractor A
5	H	2	X											B	E	Reword question for clarity.
6	F	3	X											N	E	Add "IAW..." to the stem.
7	H	2												M	S	
8	F	2												B	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												M	S	
10	H	3												B	S	Clarify justification for PORV response.
11	H	2												N	S	H vs F.
12	F	2	X											N	E	Fix wording in B (delete "is"). "Remove IAW Tech Spec. "
13	F	2				B								M	E	Replace B.
14	F	2												B	S	
15	F	2												N	S	
16	F	3												B	S	
17	F	4	X											N	E	Move "only" in all choices for clarity.
18	H	3												B	S	
19	H	3												B	S	
20	H	2												B	S	Modify justification to explain KA match.
21	H	3												N	S	
22	H	3												B	S	
23	H	3												B	S	
24	H	2												M	S	
25	F	3												N	S	
26	F	2												B	S	
27	H	3												B	S	
28	H	2												B	S	

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29	H	2												B	S	
30	H	3												N	S	
31	H	2												B	S	
32	H	4												N	S	
33	F	2												B	S	
34	H	2												B	S	
35	H	2	X											N	E	Capitalize "unexpected"
36	H	2												N	S	
37	H	2												N	S	
38	F	2				A								N	E	In A, swap 2PS3 & 2PS1.
39	H	3				B								M	E	Make B 162 F (T-sat for 5 psia) and re-order choices.
40	H	2												N	S	
41	H	3										X		N	U	H vs F. KAMM. What in the Q has to do with RPS? Replace Q.
42	H	3				C,D								M	U	H vs F. Find different bases for C & D.
43	F	2	X				A,B							M	U	Reword question/distractors to elicit desired response.
44	F	3												N	S	F vs H.
45	F	2												N	S	
46	F	2												N	S	
47	F	3												N	S	F vs H.
48	F	2												B	S	

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49	H	2												M	S	
50	F	2	X			B,D								N	U	Reformat stem. Replace demin water w/ boration source in B&D.
51	H	2				C								M	E	Replace C. Fix D – Q52 can help determine that D is correct.
52	H	2												M	S	
53	H	2												N	S	
54	H	2	X											N	E	Delete manual actions in A,B,&D because they are not needed.
55	H	2												B	S	
56	H	2												B	S	
57	H	3												M	S	
58	F	1												B	U	Low LOD. Rework.
59	H	2	X											N	E	Delete unnecessary words from C & D.
60	F	2												N	S	
61	H	2												N	S	H vs F.
62	H	2	X											B	U	Edit stem to ensure KA match.
63	H	3												B	S	
64	H	2												B	S	
65	F	1												N	U	Replace choices with accident conditions.
66	F	3				D								N	E	Delete D. Replace choices with Modes 3,4,5, & 6 respectively.
67	F	2				C								M	E	Replace C.
68	F	2												B	S	

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69	F	2												M	S	
70	F	2	X											M	E	Use 2440# instead of 2485# to be more plausible.
71	H	3												M	S	
72	F	2												N	S	
73	F	3	X											N	E	Modify B for clarity.
74	F	2												B	S	
75	F	2												B	S	
76	H	2				D								N	E	Change D to NI fails low.
77	H	2												N	E	Add rod bottom light lit to stem. C&D add procedure names.
78	F	2												N	S	
79	F	2												N	S	
80	F	2												M	S	
81	H	2												N	S	
82	F	3												M	S	
83	H	3												N	S	
84	H	2	X											B	E	Add "actions that will be directed by that procedure" to stem.
85	H	3	X											M	E	Correct/add procedure names in choices.
86	F	1				B,D								N	U	Replace Q.

