

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	3												N	S	
2	F	2												M	S	
3	H	2												M	S	
4	H	2												N	S	
5	F	1												N	U	Low LOD replace Q with higher cognitive Q.
6	F	1												N	U	Low LOD replace with higher cognitive bank question.
7	F	2				B,D								N	U	Replace B2 & D2 with a lower pressure (25#).
8	F	2												BN	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.
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).
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).
 - 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).
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. Enter question source: (B)ank, (M)odified, or (N)ew. Check that (M)odified questions meet criteria of ES-401 Section D.2.f.
7. 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?
8. 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	2												M	S	
10	H	2	X											B	E	Delete line about steam table.
11	H	3	X											M	E	Remove "properly".
12	H	2												M	S	
13	H	2												N	S	
14	H	2												N	S	
15	H	2												N	S	
16	H	1				X								N	U	"Local Manual" is not plausible. Replace or rework Q.
17	F	2												M	S	
18	F	2												N	S	
19	F	1												N	U	Rework Q with LOOP, EDG failure & faulted bus for higher cog Q.
20	H	2				C,D								N	U	21-22AF923 is manually operated. Replace C & D or replace Q.
21	F	2	X											BN	E	Incorporate loss of transformer and its impact for higher level Q.
22	F	2												B	S	
23	H	3												N	S	
24	F	2												N	S	
25	F	2												N	S	
26	F	2	X											N	E	Remove "2" from choice D.
27	F	2												N	S	
28	F	2				C,D								N	U	Equipment hatch not credible. Rework part 1 of Q to include LCO.

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29	H	2												N	S	
30	H	2												N	S	
31	H	2	X											B	E	Clarify Q to ask about AMSAC signal to AFW pumps.
32	F	1										X		B	U	Replace Q with KW setting on H2 recombiners for higher cog Q.
33	F	2												N	S	
34	F	2												N	S	
35	F	2												N	S	
36	H	2												B	S	
37	H	2												N	S	
38	H	2												N	S	
39	F	2	X											N	E	Replace SOS with SM.
40	H	2												B	S	
41	F	3												N	S	
42	F	2												N	S	
43	F	2												N	S	
44	F	2												BN	S	
45	F	1												B	U	Replace with stay time calculation for higher cognitive Q.
46	H	1												M	U	Use parameter values instead of colored graphs.
47	F	4												N	S	
48	F	2												M	S	

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49	F	2												N	S	
50	H	1	X									X		B	U	Low LOD based on picture. Replace Q to address KA.
51	H	2												N	S	
52	H	2												B	S	
53	H	2												N	S	
54	H	3												N	S	
55	H	2												N	S	
56	F	2												N	S	
57	H	2												N	S	
58	F	3												N	S	
59	F	2	X											N	E	Add "at" to 1 st line.
60	H	3	X											N	E	Typo – remove 2 nd "is".
61	F	2												N	S	
62	H	4												N	S	
63	F	2	X											M	E	Delete 2 nd part of first Q.
64	H	2	X											M	E	Q is disjointed. Add "If you can proceed" to 2 nd part.
65	H	2												BN	S	
66	H	2												M	S	
67	F	2												N	S	
68	F	2												N	S	

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69	H	2												N	S	
70	F	2												N	S	
71	F	2										X		N	U	Rework Q applies to match KA. Ask for reason for limiting AFW flow.
72	H	2	X											N	E	Remove 2 nd "in".
73	F	3					X							N	U	There are multiple correct answers. Rework Q to avoid subset.
74	F	2												N	S	
75	H	2												N	S	
																N=51; M=11; B=13
																NRC: F=40, H=35 (46.6%)
76	H	2	X											N	E	Describe LOCA conditions and add procedure/step to B and D.
77	H	2	X											N	E	Rework Q for better SRO Q format.
78	H	2	X											M	E	Add procedure name to choice D.
79	H	2		X										N	E	Do not provide TS reference. This is basic TS 3.04 knowledge.
80	F	2	X											N	E	Describe loss of IA conditions.
81	F	2												N	S	
82	H	2	X				X							N	E	Rework Q for SRO format. Avoid Part 1 leading to 2 nd answer.
83	H	2	X											N	E	Do not provide TS reference. This is common TS knowledge.
84	H	2												B	S	
85	H	2	X											N	E	Add loss of second bus to make all choices more plausible.
86	H	3												N	S	

