

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	2	X											N	E	Change "if" to "of".
2	H	2	X											N	E	Remove 2 <sup>nd</sup> sentence.
3	F	2	X											B	E	Delete first sentence in stem. Why is 1000# plausible? F vs H.
4	H	3	X											N	E	Adjust modify indications to strengthen KA connection.
5	F	2	X											N	E	Add IAW to stem and ensure A is not an acceptable answer.
6	H	3	X											N	E	Modify to strengthen KA connection. Change to >15 hours.
7	F	3												M	S	
8	H	3	X			B								N	E	Delete loss of 22/22A bus. Replace B with checking boron.

## 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).



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			
29	H	2										X		B	U	H vs F. Rework Q or get new Q.
30	F	2												B	S	F vs H
31	F	2												B	S	
32	H	2	X			D								B	E	Delete first part of 2 <sup>nd</sup> sentence (RCS leak). Replace D.
33	F	3												B	S	F vs H
34	H	2										X		B	U	KAMM. There is no loss of CCW in the Q.
35	H	2										X		B	U	Replace Q.
36	H	3												B	S	
37	F	3												N	S	
38	H	3	X											M	E	Modify B, C, & D.
39	H	2				C								N	E	H vs F. Change B to "REDUCED" to be more plausible.
40	F	2												N	E	Add a loss of bus to raise discriminatory value.
41	F	3												N	S	
42	H	1												N	U	Why is this discriminating if input nor set point change? Fix.
43	H	2	X											N	E	Add IAW to stem. Delete first two columns.
44	H	3	X											N	E	Capitalize REQUIRE.
45	H	2												B	S	
46	H	2	X											B	E	Fix typos in stem and choices C & D.
47	F	2	X											N	E	F vs H. Delete 2 <sup>nd</sup> part of all choices.
48	H	2	X			C, D								M	U	Modify Q to raise discriminatory value.

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			
49	H	3	X				B							N	E	Delete info about alarm. Fix stem and D.
50	H	2												B	S	
51	H	2				A,C,D						X		N	U	KAMM – ARMs vs PRMs. Rework or reselect.
52	H	3	X											B	E	Delete last bullet – let applicant make the assessment.
53	F	2	X											B	E	Be consistent with Nitrogen.
54	F	2	X											N	E	Provide plant mode or power level.
55	F	2	X											B	E	Add procedure.
56	F	3	X											B	E	Add space after “approximately.”
57	H	3	X											B	E	H vs F. Replace “if” with “when” in stem so A is not subset of B.
58	F	1										X		B	U	Low LOD. How is KA met? Rework or replace.
59	F	1												N	U	Low LOD. Answer obvious among choices. Rework or replace.
60	F	2	X			B,D								N	U	F vs H. RCPs vs RCP. Add CNMT and RVLIS info.
61	H	3												B	S	H vs F
62	F	3												B	S	
63	F	2	X											N	E	Replace “or” with “and” for clarity.
64	F	2												B	S	
65	F	2												N	S	
66	H	1										X		B	U	Too simplistic. KAMM. Modify or replace.
67	F	2	X											B	E	Re-word A to avoid confusion. Fix wording in D.
68	H	2												B	E	H vs F.

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			
69	F	2												B	S	
70	H	2												B	S	
71	F	2										X		B	U	Doesn't meet the KA. Replace.
72	F	2												B	S	
73	H	2	X											B	E	H vs F. Edit 4 <sup>th</sup> bullet. Make last bullet 4R/hr.
74	F	2												B	S	
75	F	2												B	S	
76	H	2												N	S	
77	H	2												B	S	
78	H	2	X										X	B	U	Modify format or replace Q to fit SRO-only criteria.
79	F	3												M	S	Explain why it is SRO-only.
80	H	2	X											M	E	Make format change to stem. Reword C.
81	H	2	X											B	E	Change stem to event vs LOCA. Put procedure name/step in B&C.
82	H	2												N	S	
83	F	3			C									N	E	STA ED duties not plausible.
84	H	2												B	S	
85	H	2												B	S	
86	H	3												N	S	

[illegible]