

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	3	X											B	E	Add "IAW TS..."
2	H	2	X											B	E	Replace A with RCP motor oil cooler heat exchanger.
3	F	2	X											N	E	Capitalize FIRST.
4	F	2				C,D								M	U	Replace 2 nd part for C & D
5	H	2												N	S	
6	H	2	X											N	E	Mode 4 vs 5
7	H	1	X											N	U	MOV-313 being open makes answer obvious –remove.
8	H	3	X											B	E	Clarify that a manual trip has not been attempted.

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	x											N	E	Re-order Q. Add "then transition to E-3" to A & C
10	H	3												M	S	
11	F	1	X											N	U	Modify to be more operationally oriented.
12	H	2												M	S	
13	H	2												N	S	
14	H	2												B	S	
15	H	3				C	A							M	U	C implausible. A is technically correct –replace.
16	F	3												N	S	
17	H	3												M	S	
18	H	3	X											B	E	Delete 2 nd part of choice D.
19	H	2				C,D								N	U	C&D implausible – replace Q.
20	H	3	X			D								M	E	Reword Q to be more discriminatory.
21	H	2	X											B	E	Provide actual RMS values. Add "No response" to A.
22	H	2	X			D								N	E	Modify C&D to be two phase natural circulation.
23	F	2												N	S	
24	H	2				D								N	E	Change 2 nd part of choice D.
25	H	2												N	S	
26	H	2												N	S	
27	F	2	X											N	E	Replace S-16A with ES-0.3 & TS.
28	F	2	X											N	E	Modify choice to parallel E-1 & E-2 (primary / secondary)

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29	F	2	X			A,B								N	E	Modify A & B to be more plausible.
30	H	2												N	S	
31	F	2												N	S	
32	H	2												N	S	
33	F	2				A								B	E	PRT overflow implausible -Change A.
34	F	2												N	S	.
35	H	2												N	S	
36	H	2												B		
37	H	2				B,D								B	U	Change Q to consider impact of Delta-I.
38	H	3												N	S	
39	F	2	X											N	E	Permitted vs May.
40	H	2												N	S	
41	H	2												B	S	
42	F	2				A,C								N	U	Not plausible to think that AMSAC would become blocked.
43	F	2					X							N	U	Subset issues with distracters.
44	F	2				D								N	E	Replace choice D.
45	H	2												N	S	
46	H	2				B								B	E	Make B Low voltage vs High.
47	H	2												M	S	
48	H	3	X											N	E	Add INITIAL to stem to clarify time frame.

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49	F	2												N	S	
50	F	2												N	S	
51	H	2	X											B	E	Clarify buses lost (i.e., no reactor trip)
52	H	2												B	S	
53	H	2												N	S	
54	F	3												N	S	
55	F	2				B,D								N	U	Mode 6 is obviously wrong. Make B&D Mode 4.
56	H	2												N	S	
57	H	3												N	S	
58	H	2												N	S	
59	H	2												B	S	
60	F	2				A,B								N	U	Replace Hydrogen with something else in A&B.
61	H	2												N	S	
62	F	2				D								N	E	Replace D.
63	H	2												B	S	
64	F	2	X			D								M	E	Add info to make D plausible.
65	H	2												N	S	
66	F	2					B							B	U	B is a subset of A
67	H	3												B	S	
68	F	2												B	S	

[illegible]