

questions reviewed in depth.

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	2												N	S	
2	H	2												N	S	
#3	H	2												N	S	
4	H	2												B	S	
#5	F	2												N	S	
6	H	2												N	S	
#7	H	2												B	S	
8	H	2												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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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only			
9	F	1												N	U	LOD = 1 Replaced Question
10	H	2												M	S	
#11	M	2												B	S	
12	M	2												N	S	
#13	M	2												N	S	
14	H	2												B	S	
15	F	2												N	S	
16	F	2												N	S	
#17	F	2				✓								N	E	One implausible distractor. Establishing RCS bleed and feed won't involve Aux Feed Replaced distractor.
18	F	2												N	S	
#19	H	2												N	S	
20	H	2.5												N	S	
21	H	2												M	E	Bullet #4: No operator actions have been taken. Moved bullet to better location.
22	H	2												N	S	
#23	H	2												N	S	
24	H	2.5												N	S	
25	F	2												N	S	
26	H	2												N	S	
27	H	2.5												N	S	
28	F	2												N	S	
#29	H	2												N	S	
30	H	2												N	S	
#31	F	2												B	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Back-ward	Q=K/A	SRO Only				
32	F	2													N	S	
33	F	1													B	U	LOD=1 <i>Reworked question.</i>
34	F	2													N	S	
35	H	2													N	S	
36	H	2													N	S	
#37	H	1													B	U E	LOD=1. I was able to guess the correct answer without looking at OPΔT: Modified one distractor and made question satisfactory.
38	H	1													N	U	LOD-1. Doesn't completely test the K/A. (2X2) Reworked distractors – matches K/A.
39	F	2													N	S	
40	H	2													N	S	
#41	H	2													N	S	
42	H	2													N	S	
#43	H	2													N	E	Not fundamental. Requires applicant to determine a correct response to an error.
44	F	2											✓		N	U S	Q≠K/A. The Q does not accurately test the K/A. In order to use the procedure to correct the condition, the impact has to be known. Q does match the K/A.
45	H	2													N	S	
46	F	1													N	U	LOD=1. <i>Reworked question.</i>
#47	H	2													N	S	
48	H	2													N	S	
#49	F	2													B	S	
50	F	2													N	S	
#51	H	2													N	S	
52	F	2													B	S	
#53	F	2													N	S	
54	F	2													B	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only				
55	H	2													B	S	
56	H	2													N	S	
#57	H	2													N	S	
58	F	2													N	S	
#59	H	2													N	S	
60	H	2													N	S	
#61	F	2													N	S	
62	F	2													N	S	
63	F	1													N	U	LOD=1. <i>Reworked question.</i>
64	H	2											✓		M	U	Q#K/A <i>Reworked question.</i>
65	F	1													N	U S	LOD=1. <i>Discussed w/ licensee, Q is LOD = 2.</i>
66	F	1													N	U	LOD=1. <i>Replaced K/A, wrote new question.</i>
#67	F	1													N	U S	LOD=1 <i>Discussed question – LOD = 2.</i>
68	H	2													N	S	
69	H	2				✓									N	U	Two distractors contain Digital Rod Control IN positions when the control rods have to be withdrawn. Implausible distractors. <i>Reworked distractors.</i>
70	H	2													N	S	
#71	F	2													N	E	Do we have any “immediately” action statements in section 3? If not, change to some time limit. Suggest going to a (1) ; (2) format. <i>Many Tech Spec “Immediately” actions. Fixed format.</i>
72	F	2				✓									N	U	Distractors C & D are implausible. The picture shows that valve CV-31415 is associated with B SG Blowdown, not SG 11. <i>Replaced question.</i>
#73	F	2				✓									B	E	Distractor c states the purpose is to minimize the cooldown capability of the non-faulted S/G. Why would we want to do that? Appears to be implausible. See if we can replace. <i>Replaced distractor – changed one initial condition.</i>
74	F	2													N	S	
75	H	1													N	U	LOD=1 <i>Reworked question.</i>

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only			
#76	H	2.5											✓	B	S	
77	H	1											✓	N	U	LOD=1. Direct look-up. Replaced question.
78	H	1											✓	M	U	LOD=1. Direct look-up. Replaced question.
79#	H	2											✓	N	S	
80	H	2											✓	N	S	
81	H	2.5											✓	N	S	
82	H	2										✓	✓	M	S	LOD=1 or 2 implausible distractors – procedure is a give-away. Procedure is not a give-away. Changing bullet one changes correct procedure. LOD = 2.
#83	H	2											✓	N	S	
84	F	2											✓	N	S	
85	H	2											✓	N	E	Add the rad monitor annunciators to comply with the K/A Statement. Added rad monitors.
86	H	2											✓	B	U S	LOD = 1. Discussed with licensee, determined the question was LOD = 2.
#87	H	2											✓	N	S	
88	H	2											✓	N	S	
89	H	2.5											✓	B	S	
90	H	2											✓	N	S	
#91	H	2											✓	M	S	Verify this is not a direct look-up. Not a direct look-up.
92	H	2										✓	✓	N	U S	Q does not address a portion of the K/A. Discussed question – determined question meets the K/A.
93	H	2											✓	B	S	Modify question to more fully address the K/A.
94	H	2											✓	B	S	
95	F	1											✓	N	U S	LOD=1. After discussion with licensee, determined LOD = 2
96	H	2											✓	N	S	
#97	F	2											✓	B	S	
98	H	2											✓	N	S	

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99	H	2											✓	N	S	What is the correct answer? The Answer key says one distractor, but the word description for justifying the distractor states another distractor is the correct answer. Explanation corrected.
100	H	2											✓	N	S	