

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			
76	H	2													S	
77	H	3													S	
78	F	3													S	
79	H	2													S	MSL break ka, Q OK
80	F	2													S	
81	H	3													E	Answer is not what proc says - just say open ASDV & BD
82	F	2													S	
83	H	2		X		X									U	What action is reqd; dist "d" Increase cd rate

Instructions

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- 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).
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 - 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.
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84	F	2													S	OK, availability due to power supply matches KA
85	H	3													S	
86	H	3													S	
87	H	3													S	
88	H	3													S	
89	F	2													S	System knowledge only
90	H	3													S	
91	H	3													S	

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92	H	3													S	
93	F	2													E	B.D maximize sf cleanup; close gate valve - fixed
94	H	3													S	
95	H	3													S	
96	H	3													S	
97	F	2													S	
98	H	3													S	
99	F	2													S	

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100	F	2													S	

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1	F	2													S	
2	H	3											?		U	Throttle criteria? Similar to later Q - replaced
3	F	3													S	
4	H	3													S	
5	F	2													S	
6	F	2													S	
7	H	3													S	
8	F	3											?		U	Expansion of liquids? Similar to later Q - replaced

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9	H	3													S	
10	F	2											?		E	Incorporate nat circ into distracters - fixed
11	H	3													S	
12	H	3													S	
13	H	3													S	
14	H	3													S	
15	F	2													S	
16	H	3													S	

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17	F	2				x									E	D – prevent voiding in tubes, loss nat circ - fixed
18	H	3													E	Remove SAMG concept
19	H	3													S	
20	H	3													S	
21	F	2													S	
22	F	2													S	
23	H	3													S	
24	H	3													S	

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25	3	H													S	
26	4	H				x									S	
27	1	F													U	Replaced
28	3	H													S	
29	3	H													E	"likely action" not acceptable -fixed
30	3	H													S	
31	3	H													S	
32	3	H		x											U	Remove phrase in parentheses, may affect other Q)-fixed

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33	H	3													S	
34	F	1													U	Physical connection is a low LOD k/a, - replaced
36	H	3													S	
36	F/H	3													S	
37	H	3													S	
38	F	2													S	
39	H	3													S	
40	H	3													S	

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41	F	2													S	
42	H	3													S	
43	H	3													S	
44	H	3													S	
45	F	2													S	
46	H	3													S	
47	F	2													S	
48	F	2													S	

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49	F	2													S	
50	F	2													S	
51	F	2													S	
52	H	3													S	
53	H	3													S	
54	H	3													S	
55	H	3													S	
56	F	2													S	

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 - 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).

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			
57	H	3													S	
58	F	2													S	
59	H	3													S	
60	H	3													S	
61	F	2													S	
62	H	3													S	
63	H	2													S	
64	F	1													U	ask what parameters are affected – volts, load, rx load - fixed

Instructions

[Refer to Section D of ES-401 and Appendix B for additional information regarding each of the following concepts.]

34. Enter the level of knowledge (LOK) of each question as either (F)undamental or (H)igher cognitive level.
35. 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).
36. 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).
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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			
65	F	2													S	
66	F	2													S	
67	H	3				x									U	Give a doubling on a few channels, improve plausibility -fixed
68	H	3													S	
69	H	3													S	
70	F	2													S	
71	H	3													S	
72	H	3													S	

Instructions

[Refer to Section D of ES-401 and Appendix B for additional information regarding each of the following concepts.]

37. Enter the level of knowledge (LOK) of each question as either (F)undamental or (H)igher cognitive level.
38. 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).
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 - 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).
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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			
73	H	3													S	
74	F	2													S	
75	F	2													S	

Instructions

[Refer to Section D of ES-401 and Appendix B for additional information regarding each of the following concepts.]

40. Enter the level of knowledge (LOK) of each question as either (F)undamental or (H)igher cognitive level.
41. 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).
42. Check the appropriate box if a psychometric flaw is identified:
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 - The stem or distractors contain cues (i.e., clues, specific determiners, phrasing, length, etc).
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