

Q	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. Source (B/M/N)	7. Status (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	2.7										Y		N	S	
2	H	3.0										Y		N	S	
3	F	3.1										Y		N	S	
4	F	3.0										Y		N	S	
5	F	3.2										Y		B	S	
6	F	3.0										Y		B	S	
7	H	2.9										Y		B	S	
8	H	2.9										Y		M	S	

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 a 1 (easy) to 5 (difficult); questions with a difficulty between 2 and 4 are acceptable.
- Check the appropriate box if a psychometric flaw is identified:
  - "Stem Focus": The stem lacks sufficient focus to elicit the correct answer (e.g., unclear intent, more information is needed, or too much needless information).
  - "Cues": The stem or distractors contain cues (e.g., clues, specific determiners, phrasing, length).
  - "T/F": The answer choices are a collection of unrelated true/false statements.
  - "Cred. Dist.": The distractors are not credible; single implausible distractors should be repaired, and more than one is unacceptable.
  - "Partial": One or more distractors are partially correct (e.g., if the applicant can make unstated assumptions that are not contradicted by the stem).
- Check the appropriate box if a job content flaw is identified:
  - "Job Link": 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).
  - "Minutia": 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).
  - "#/Units": The question contains data with an unrealistic level of accuracy or inconsistent units (e.g., panel meter in percent with question in gallons).
  - "Backward": 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 K/As that are designated "SRO-only." (K/A and license-level mismatches are unacceptable.)
- Enter question's source: (B)ank, (M)odified, or (N)ew. Verify that (M)odified questions meet the criteria of Form 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" status ratings (e.g., how the Appendix B psychometric attributes are not being met).

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9	F	3.0										Y		B	S	
10	H	3.3										Y		N	S	
11	H	3.2										Y		B	S	
12	F	3.2										Y		B	S	
13	H	3.1										Y		N	S	
14	F	3.0										Y		B	S	
15	H	2.9										Y		N	S	
16	F	3.5										Y		N	S	
17	H	3.4										Y		B	S	
18	H	3.2										Y		N	S	
19	H	3.2										Y		B	S	
20	F	2.9										Y		B	S	
21	F	2.9										Y		B	S	
22	H	2.9										Y		B	S	
23	F	3.2										Y		B	S	
24	H	3.3										Y		B	S	
25	H	3.0										Y		B	S	

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			Stem Focus	Cues	T/F	Cred. Dist	Partial	Job-Link	Minutia	# / Units	Backward	Q – K/A	SRO Only			
26	F	3.2										Y		N	S	
27	H	2.9										Y		B	S	
28	H	2.9										Y		B	S	
29	H	3.0										Y		B	S	
30	H	3.2										Y		B	S	
31	H	2.9										Y		B	S	
32	F	2.8										Y		N	S	
33	H	3.5										Y		B	S	
34	H	3.5										Y		N	S	
35	H	3.1										Y		B	S	
36	H	3.2										Y		B	S	
37	F	3.0										Y		B	S	
38	H	3.0										Y		B	S	
39	H	3.0										Y		N	S	
40	F	2.9										Y		N	S	
41	H	2.9										Y		B	S	
42	H	3.0										Y		B	S	

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			Stem Focus	Cues	T/F	Cred. Dist	Partial	Job-Link	Minutia	# / Units	Backward	Q – K/A	SRO Only			
43	H	3.2										Y		B	S	
44	F	3.6										Y		B	S	
45	H	3.4										Y		B	S	
46	H	3.2										Y		B	S	
47	F	3.0										Y		B	S	
48	H	3.0										Y		B	S	
49	H	2.9										Y		B	S	
50	H	3.0										Y		B	S	
51	F	3.0										Y		N	S	
52	H	2.9										Y		B	S	
53	H	2.8										Y		B	S	
54	F	3.0										Y		B	S	
55	H	3.2										Y		M	S	
56	H	3.3										Y		N	S	
57	F	3.1										Y		B	S	
58	F	3.5										Y		B	S	
59	F	3.0										Y		B	S	

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			Stem Focus	Cues	T/F	Cred. Dist	Partial	Job-Link	Minutia	# / Units	Backward	Q – K/A	SRO Only			
60	H	3.1										Y		B	S	
61	F	3.0										Y		N	S	
62	H	3.0										Y		B	S	
63	H	3.2										Y		B	S	
64	F	3.1										Y		M	S	
65	H	1.0										Y		B	U	LOD=1; re-selected new K/A, and wrote new Q
66	F	3.5										Y		N	S	
67	H	3.0										Y		B	S	
68	F	3.1										Y		B	S	
69	F	3.2										Y		B	S	
70	F	1.0										Y		N	U	LOD=1; re-selected new K/A, and wrote new Q
71	F	3.2										Y		B	S	
72	F	3.2										Y		B	S	
73	F	3.0										Y		B	S	
74	F	2.9										Y		N	S	
75	F	3.3										Y		N	S	
76	H	3.6										Y	Y	B	S	

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			Stem Focus	Cues	T/F	Cred. Dist	Partial	Job-Link	Minutia	# / Units	Backward	Q – K/A	SRO Only			
77	H	3.7										Y	Y	B	S	
78	H	3.8										Y	Y	B	S	
79	F	3.8										Y	Y	B	S	
80	H	3.9										Y	Y	M	S	
81	H	3.7										Y	Y	B	S	
82	H	3.4										Y	Y	N	S	
83	F	3.5										Y	Y	B	S	
84	H	3.6										Y	Y	N	S	
85	H	3.5										Y	Y	N	S	
86	H	3.4										Y	Y	B	S	
87	H	3.8										Y	Y	B	S	
88	F	3.2										Y	Y	B	S	
89	H	3.2										Y	Y	B	S	
90	F	3.0										Y	Y	N	S	
91	H	3.0										Y	Y	M	S	
92	H	3.0										Y	Y	B	S	
93	F	3.2										Y	Y	M	S	

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			Stem Focus	Cues	T/F	Cred. Dist	Partial	Job-Link	Minutia	# / Units	Backward	Q – K/A	SRO Only			
94	F	3.3										Y	Y	B	S	
95	H	3.4										Y	Y	B	S	
96	F	3.1										Y	Y	B	S	
97	F	3.2										Y	Y	B	S	
98	F	3.3										Y	Y	B	S	
99	F	3.6										Y	Y	B	S	
100	F	3.6										Y	Y	B	S	