

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	3											Y		B	S	
2	F	2											Y		N	S	
3	F	3											Y		N	S	
4	H	3											Y		N	S	
5	F	2											Y		B	S	
6	F	2											Y		B	E	Change distractor C to improve LOD
7	H	3											Y		N	S	
8	H	3											Y		N	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	H	3											Y		B	S	
10	H	3											Y		B	S	
11	F	2											Y		B	E	Editorial
12	H	3											Y		N	S	
13	H	3											Y		B	S	
14	H	3											Y		B	S	
15	H	3											Y		M	E	Stem does not give reason for torus lowering, add seismic event to stem
16	H	3											Y		N	E	Need irrefutable evidence that level will not be restored. Change bullets 3 and 4 in stem to say no injection sources are available
17	F	2											Y		B	S	
18	F	2											Y		B	E	Changed stem to improve LOD and the plausibility of distracters B and D
19	F	2											Y		B	S	
20	H	3											Y		M	S	
21	H	2											Y		B	S	
22	F	2											Y		B	S	
23	H	3											Y		M	S	
24	H	3											Y		N	E	Removed values for max safes in stem

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25	H	2											Y		N	S	
26	H	3											Y		N	S	
27	H	3											Y		B	S	
28	F	2											Y		B	S	
29	H	3											Y		B	S	
30	F	3											Y		M	S	
31	H	2											Y		B	S	
32	H	3											Y		M	S	
33	H	3											Y		B	S	
34	H	3											Y		N	E	Changed wording of distractors to be consistent throughout
35	H	2											Y		B	S	
36	H	2											Y		B	E	Reworded Q(1) and Q(2). Rearranged answers to improve plausibility
37	H	3											Y		M	E	Editorial
38	H	3											Y		B	S	
39	H	2											Y		M	S	
40	H	3											Y		B	S	
41	F	2											Y		N	E	Editorial

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42	F	2											Y		N	S	
43	H	3											Y		M	S	
44	F	2											Y		M	S	
45	H	3											Y		B	S	
46	F	3											Y		B	S	
47	F	2											Y		N	S	
48	F	2											Y		B	S	
49	H	2											Y		M	S	
50	F	3											Y		N	S	
51	H	3											Y		B	S	
52	H	2											Y		M	S	
53	H	2											Y		N	E	Editorial
54	F	2											Y		B	S	
55	H	3											Y		B	S	
56	H	3											Y		N	S	
57	H	3											Y		M	S	
58	H	3											Y		B	S	

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59	F	3											Y		N	S	
60	H	3											Y		N	S	
61	F	2											Y		B	S	
62	H	2											Y		M	S	
63	H	3											Y		M	S	
64	H	2											Y		N	S	
65	F	2											Y		B	S	
66	F	2											Y		B	S	
67	F	3											Y		N	S	
68	F	2											Y		M	S	
69	H	3											Y		B	S	
70	F	3											Y		M	S	
71	F	2											Y		B	S	
72	F	2											Y		B	S	
73	F	2											Y		B	S	
74	H	2											Y		B	S	
75	F	2											Y		B	S	

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76	H	3											Y	Y	B	S	
77	F	2											Y	Y	M	S	
78	H	3											Y	Y	B	S	
79	H	3											Y	Y	B	S	
80	H	2											Y	Y	B	S	
81	H	3											Y	Y	N	S	
82	H	3											Y	Y	B	S	
83	H	3											Y	Y	N	S	
84	H	3											Y	Y	B	S	
85	H	3											Y	Y	B	S	
86	H	3											Y	Y	N	S	
87	H	3											Y	Y	B	S	
88	H	3											Y	Y	N	S	
89	H	2											Y	Y	N	S	
90	H	3											Y	Y	N	S	
91	H	3											Y	Y	N	S	
92	H	2											Y	Y	M	S	

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93	F	2										Y	Y	B	S	
94	F	2										Y	Y	B	S	
95	H	3										Y	Y	N	S	
96	H	3										Y	Y	B	S	
97	H	3										Y	Y	B	S	
98	H	3										Y	Y	B	S	
99	H	2										Y	Y	B	S	
100	F	2										Y	Y	B	S	