

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	H	2										Y		M	S	
2	H	3										Y		M	S	
3	F	2										Y		N	S	
4	M	3										Y		B	S	
5	H	3										Y		N	S	
6	F	3										Y		N	S	
7	F	2										Y		B	S	
8	F	2										Y		B	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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9	H	3										Y		B	S	
10	H	3										Y		M	S	
11	F	3										Y		N	S	
12	H	4										Y		N	S	
13	H	2										Y		B	S	
14	H	2										Y		N	S	
15	H	3										Y		M	S	
16	F	3										Y		M	S	
17	H	4										Y		N	S	
18	H	3										Y		N	S	
19	H	3										Y		N	S	
20	H	2										Y		N	E	Modified stem to focus on operation of system at NMP, not GFE level
21	H	2										Y		M	S	
22	H	3										Y		N	S	
23	F	2										Y		B	S	
24	H	3										Y		N	S	
25	H	3										Y		B	S	
26	F	2										N		N	U	K/A MM, Resampled for new K/A,wrote new Q
27	H	3										Y		N	S	
28	F	3										Y		N	S	

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29	H	3										Y		N	S	
30	F	2										Y		B	S	
31	F	3										Y		N	S	
32	F	3										Y		N	S	
33	H	2										Y		N	S	
34	H	2										Y		N	S	
35	H	3										Y		B	S	
36	H	3										Y		N	S	
37	H	4										Y		N	S	
38	H	4										Y		N	S	
39	F	3										Y		B	S	Restructured Q to fill in blank(s) format
40	F	2										Y		N	S	
41	H	2										Y		B	S	
42	M	2										Y		B	S	
43	M	3										Y		B	S	
44	F	3										Y		B	S	
45	F	2										Y		M	S	
46	F	2										Y		N	S	
47	F	3										Y		N	S	
48	F	3										Y		N	S	

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49	H	3										Y		M	S	
50	F	2										Y		M	S	
51	H	2										Y		B	S	
52	H	3										Y		M	S	
53	H	4										Y		M	S	
54	F	3										Y		N	S	
55	F	2										Y		N	S	
56	F	2										Y		N	S	
57	F	2										Y		N	S	
58	F	3										Y		N	S	
59	H	3										Y		B	S	
60	H	3				X						Y		N	E	Distractor D implausible. Fixed Q to make Distractor D plausible
61	H	2										Y		N	S	
62	H	2										Y		N	S	
63	H	3										Y		M	S	
64	H	2										Y		M	S	
65	F	3										Y		M	S	
66	F	2										Y		N	S	
67	H	2										Y		N	S	
68	M	2										Y		B	S	

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69	F	2										Y		N	S	
70	F	3										Y		B	S	
71	H	2				X						Y		B	E	Distractor B implausible, wrote new stem and distractors
72	F	2										Y		N	S	
73	F	1										Y		B	U	LOD=1; Selected new K/A, wrote new Q
74	F	2				X						Y		N	E	Distractor B implausible, wrote new distractor
75	F	2										Y		N	S	
76	F	3										Y	Y	N	S	
77	H	3										Y	Y	N	S	
78	H	3										Y	Y	M	S	
79	H	3										Y	Y	N	S	
80	H	2										Y	Y	N	S	
81	H	3										Y	Y	B	S	
82	F	3										Y	Y	B	S	
83	H	2										Y	Y	M	S	
84	H	3										Y	Y	N	E	Deleted procedure reference in stem to retain 55.43(5) aspect of Q
85	H	2										Y	Y	N	S	
86	H	2										Y	Y	M	S	
87	F	1										Y	N	N	U	LOD=1, column 1 is system knowledge, col 2 is immediate actions Resampled, New K/A, wrote new Q
88	F	2										Y	Y	N	S	

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89	H	1										Y	Y	N	U	LOD=1, wrote new Q
90	F	3					X					Y	Y	N	E	Subset issue; constructed new answer matrix
91	H	3										Y	Y	N	S	
92	H	2										Y	Y	B	S	
93	H	2										Y	Y	N	S	
94	F	2										Y	Y	B	S	
95	F	2										Y	Y	B	S	
96	H	2										Y	Y	B	S	
97	F	2										Y	Y	N	S	
98	H	2										Y	Y	B	S	
99	H	2										Y	Y	M	S	
100	F	3										Y	Y	N	S	