

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	F	2										Y	N	B	S	2010 NRC
2	F	3										Y	N	N	S	
3	F	3										Y	N	B	S	2010 NRC
4	H	3										Y	N	N	S	
5	H											Y	N	N	S	
6	H	3										Y	N	N	S	
7	F	2										Y	N	B	E	2009 NRC ENHANCEMENT TO RAISE LOD
8	H	3										Y	N	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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9	H	3										Y	N	N	S	
10	H	3										Y	N	N	S	EDITORIAL ENHANCEMENT
11	H	2										Y	N	B	S	
12	H											Y	N	N	S	
13	H	3										Y	N	B	S	2012 NRC
14	H											Y	N	B	U	REPLACE K/A, OVERLAP WITH JPM #7
15	H	2										Y	N	N	S	
16	H	2										Y	N	N	S	
17	F	2										Y	N	N	S	
18	F	2				X						Y	N	M	E	ENHANCED DISTRACTER 'C'
19	H	3										Y	N	B	S	
20	H	3										Y	N	N	S	
21	H	2										Y	N	B	E	CORRECTED IMPLAUSIBLE DISTRACTER
22	H	3				X						Y	N	N	E	ENHANCED DISTRACTER
23	H	3										Y	N	N	E	ENHANCED STEM TO PRECLUDE 2 CORRECT ANSWERS
24	F	3										Y	N	B	S	2013 NRC
25	F	3										Y	N	N	S	
26	F	2										Y	N	M	S	
27	F	3										Y	N	B	S	
28	H	4										Y	N	N	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only			
29	F	3										Y	N	B	S	2012 NRC
30	H	3										Y	N	B	S	2005 NRC
31	F	3										Y	N	B	S	
32	F	2				X						Y	N	B	E	ENHANCED DISTRACTER
33	F	3										Y	N	B	S	2009 NRC
34	H	3										Y	N	N	S	
35	H	2				X						Y	N	B	S	2010 NRC IMPROVED JUSTIFICATIONS
36	H	3										Y	N	B	E	2010 NRC
37	H	3										Y	N	N	S	
38	H	3										Y	N	N	S	
39	F	2				X						Y	N	N	E	CHANGED DISTRACTER 'B'
40	F	4										Y	N	B	E	CLEANED UP CAPABILITY CURVE
41	F	3										Y	N	B	S	
42	F	3				X						Y	N	B	E	ENHANCED DISTRACTER 'C'
43	H											Y	N	B	E	ENHANCED STEM
44	H	3										Y	N	N	S	
45	H	3										Y	N	N	E	ENHANCED STEM
46	F	2										Y	N	N	E	ENHANCED ANSWER MATRIX
47	F	2										Y	N	B	E	ENHANCED DISTRACTERS AND JUSTIFICATIONS
48	H	3										Y	N	N	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only			
49	H	3										Y	N	N	S	
50	F	2										Y	N	N	E	MODIFY STEM. Requires SRO review
51	F	2										Y	N	N	E	ENHANCED STEM
52	F	3										Y	N	B	S	
53	F	3										Y	N	N	S	
54	H	3										Y	N	N	S	K/A JUSTIFICATION ENHANCED
55	H	3										Y	N	N	S	
56	H	2										Y	N	N	S	
57	F	3										Y	N	B	S	2010 NRC
58	H	2										Y	N	N	S	
59	H	3										Y	N	B	E	ENHANCED STEM
60	H	3										Y	N	B	S	2005 NRC
61	H	3										Y	N	B	S	
62	H	2				X						Y	N	N	E	MULTIPLE IMPLAUSIBLE DISTRACTERS
63	H	3										Y	N	N	S	
64	H	3										Y	N	N	S	
65	H	4										Y	N	N	S	
66	F	2										Y	N	B	E	ENHANCED STEM
67	F	3										Y	N	B	S	2010 NRC
68	H	3										Y	N	B	S	2010 NRC

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69	H	3										Y	N	N	S	
70	F	3										Y	N	M	S	2010 NRC
71	H	2										Y	N	B	S	2009 NRC
72	H	3										Y	N	N	S	
73	F	2										Y	N	N	S	SENSITIVE INFO WITHHOLD Q
74	F	3										Y	N	N	S	
75	F	2										Y	N	B	S	2012 NRC
76	H	3										Y	Y	B	S	2014 NRC
77	H	3										Y	Y	N	S	
78	F	2										Y	Y	B	S	
79	H	3										Y	Y	N	S	
80	H	2										Y	Y	B	E	REARRANGED DISTRACTERS
81	F	3										Y	Y	B	S	2009 NRC
82	H	2										Y	Y	N	S	
83	H	4										Y	Y	N	S	
84	H	2										Y	Y	N	E	ENHANCED STEM
85	H	3										Y	Y	N	S	
86	H	3										Y	Y	N	S	
87	H	2										Y	Y	N	S	
88	F	2										Y	Y	N	S	

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89	H	3										Y	Y	B	S	
90	F	2										Y	Y	N	S	
91	H											■	Y	N	U	K/A MM RESAMPLED WROTE NEW Q
92	H	3										Y	Y	N	E	ENHANCED DISTRACTERS
93	H	2										Y	Y	N	S	
94	H	3										?	Y	N	E	RESOLVE QUESTIONS FOR K/A MATCH
95	H	2										Y	Y	B	S	
96	H	3										Y	Y	B	S	
97	H	2										Y	Y	N	Y	
98	H	2										Y	Y	B	S	
99	F	2										Y	Y	N	S	
100	H	2										Y	Y	B	S	