

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	3										Y		B	S	
2	H	2										Y		N	S	
3	H	2										Y		N	S	Changed stem condition to 450F, wrote new distractor 'C'
4	F	3										Y		M	S	
5	F	3										Y		B	S	
6	H	3										Y		N	S	
7	H	2										Y		B	S	
8	F	2										N		B	U	K/A MM, Resampled for new K/A, wrote new Q

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	F	3										Y		B	S	
10	H	2										Y		M	E	Modified stem
11	H	3										Y		B	S	
12	F	2										Y		B	S	
13	H	3										Y		B	S	
14	H	3										Y		B	S	
15	F	2										Y		B	S	
16	H	3										Y		N	U	MAY NOT BE RO LEVEL, POSSIBLE TWO CORRECT ANSWERS
17	F	2										Y		B	S	
18	F	3										Y		B	S	
19	H	3										Y		N	S	
20	F	2										Y		B	S	
21	H	2				X						Y		B	U	Multiple implausible distractors, Resample for new K/A, wrote new Q
22	F	2										Y		M	S	
23	H	3										Y		M	S	
24	H	2										Y		M	S	
25	F	2										Y		B	S	
26	H	3										Y		N	S	
27	H	3										Y		B	S	
28	H	3										Y		N	S	

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29	H	3										Y		N	S	
30	H	3										Y		B	S	
31	H	3										Y		N	S	
32	F	2										Y		N	S	
33	F	2										Y		B	S	
34	H	3										Y		N	S	
35	F	3										Y		B	E	Added procedure to ensure 'C' is not a correct answer
36	H	3										Y		B	S	
37	H	3										Y		B	S	
38	H	3										Y		M	S	
39	L	2				X						Y		B	U	Multiple implausible distractors. Wrote new Q.
40	H	3										Y		B	S	
41	H	3										Y		N	S	
42	H	3										Y		B	U	POSSIBLE TWO CORRECT ANSWERS
43	F	2										Y		B	S	
44	F	3										Y		M	S	
45	F	2										Y		N	S	
46	F	2										Y		B	S	
47	H	3										Y		B	S	
48	H	3										Y		B	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		M	S	
50	H	3										Y		N	S	
51	F	2										Y		B	S	
52	F	2										Y		B	S	
53	H	3										Y		N	S	
54	H	3										Y		N	S	
55	F	3										Y		B	S	
56	H	3										Y		N	U	MULTIPLE CORRECT ANSWERS, Revise resubmit
57	H	3										Y		B	E	Revised to increase level of difficulty
58	H	3										Y		B	E	Edited to clarify stem
59	H	3										Y		B	S	Revised 'D' distractor justification
60	H	3										Y		N	S	
61	H	2										Y		M	S	
62	F	2										Y		B	S	
63	F	3										Y		B	S	
64	H	3										Y		B	S	
65	H	2										Y		B	S	
66	H	3										Y		B	S	
67	H	3										Y		B	S	
68	H	3										Y		B	S	

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69	F	3										Y		B	S	
70	F	2										Y		B	S	
71	F	3										Y		B	S	
72	F	2										Y		B	S	
73	F	3										Y		N	S	
74	F	2										Y		B	S	
75	H	3										Y		M	S	
76	F	3										Y	Y	B	S	
77	F	2										Y	Y	N	E	'C' not plausible, wrote new 'C' distractor. Enhanced Stem.
78	H	3										Y	Y	B	S	
79	H	3										Y	Y	B	S	
80	H	2										Y	Y	N	E	Modified stem
81	H	3										N	Y	B	U	Resampled for new K/A
82	H	3										Y	Y	B	S	
83	H	3										Y	Y	N	S	
84	F	2										Y	Y	N	S	
85	F	3										Y	Y	N	U	'A' POSSIBLY CORRECT ANSWER
86	H	3										Y	Y	N	S	
87	H	3										Y	Y	M	E	Reworded Q
88	H	3										Y	Y	N	S	

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89	F	3										N	Y	N	U	Resampled for new K/A, wrote new Q
90	H	3										Y	Y	N	E	Modified stem
91	F	2										Y	Y	B	E	Reconstructed answer matrix
92	F	3										Y	Y	N	E	Added procedural guidance
93	H	3											Y	N	U	WHY ISNT FUEL MOVEMENT SUSPENDED
94	F	2										Y	Y	B	S	
95	F	2										Y	Y	B	S	
96	H	3										Y	Y	B	S	
97	H	3				X						N	Y	B	U	No plausible distractors, Resample for new K/A, wrote new Q
98	F	2										Y	Y	B	S	
99	H	3										Y	Y	B	S	
100	F	3										Y	Y	B	U	'D' IS POSSIBLE 2 ND CORRECT ANSWER