

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	H	2.5												N	S	
2	H	3.0												N	S	
3	H	3.0												N	S	
4	F	2.5												N	S	
5	H	2.8												N	S	
6	F	3.0												N	S	
7	H	3.0												N	S	
8	H	2.5												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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			Stem Focus	Cues	T/F	Cred. Dist	Partial	Job-Link	Minutia	# / Units	Backward	Q - K/A	SRO Only			
9	H	3.0												N	S	
10	F	2.5												N	S	
11	F	2.5												N	S	
12	F	3.0												N	S	
13	F	2.5												B	S	
14	H	3.0												B	S	
15	H	3.0												N	S	
16	H	3.0												B	S	
17	H	2.5												B	S	
18	F	3.0												N	S	
19	H	2.8												N	E	Update picture to clarify provided indications.
20	H	3.0												N	S	
21	F	3.0					X							N	U	RRC and SO actions are too similar; two possible correct choices. Revised question.
22	F	1.0							X					N	U	LOD=1. Replaced K/A and Q.
23	F	3.0												N	S	
24	H	3.0												B	S	
25	H	3.0												N	S	

Q	1. LOK (F/H)	2. LOD (4.5)	3. Psychometric Flaws					4. Job Content Flaws					5. Other		6. Source (B/M/N)	7. Status (U/E/S)	8. Explanation
26	F	2.5												N	S		
27	F	2.5												B	S		
28	H	2.5												N	S		
29	H	2.5												N	S		
30	H	2.5												N	S		
31	F	3.0												B	S		
32	H	3.0												N	S		
33	H	2.5												N	S		
34	F	3.0												N	S		
35	H	3.0												N	S		
36	F	3.0												N	S		
37	F	2.5												N	S		
38	H	3.0												N	S		
39	H	3.0												N	S		
40	F	2.5												N	S		
41	F	2.5												N	S		
42	F	3.0												N	S		
43	F	3.0												N	S		

Q	1. LOK (F/L)	2. LOD (4.5)	3. Psychometric Flaws				4. Job Content Flaws				5. Other		6. Source (B/M/N)	7. Status (U/E/S)	8. Explanation
44	H	2.5											N	S	
45	H	3.0											B	S	
46	H	3.0											B	S	
47	H	3.0											N	U	Overlap with Q71. Replaced K/A and Q.
48	F	2.5											N	S	
49	F	2.5											N	S	
50	H	2.5											N	S	
51	F	2.5											N	S	
52	H	3.0											B	S	
53	F	2.5											N	S	
54	H	3.0											N	S	
55	F	2.5											B	S	
56	F	3.0											N	S	
57	F	3.0				X							N	U	C and D not credible for severity of event. Replaced K/A and Q.
58	H	2.5											N	S	
59	F	3.0											N	S	
60	H	3.0											B	S	
61	F	5						X					N	U	LOD=5. Answer requires detailed procedure memorization beyond

Q	1. LOK (F/U)	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	
																immediate actions. Replaced K/A and Q
62	H	3.0											N	S		
63	F	2.5											N	S		
64	F	2.5											N	S		
65	H	2.5											N	S		
66	H	3.0											N	S		
67	H	3.0											N	S		
68	H	3.0											N	S		
69	H	2.5											N	S		
70	F	2.5											B	S		
71	H	3.0											N	S		
72	H	3.0											N	S		
73	H	3.0											B	S		
74	H	3.0											N	S		
75	H	2.5											N	S		
76	H	1.0		X		X							N	U		LOD=1. DLU, given TS. Replaced K/A and Q
77	H	3.0											N	S		
78	F	2.5											N	S		

Q	1. LOK (F/L)	2. LOD (L/S)	3. Psychometric Flaws				4. Job Content Flaws				5. Other		6. Source (B/M/N)	7. Status (U/E/S)	8. Explanation
79	H	3.0											N	S	
80	H	3.0											B	S	
81	H	3.0											N	S	
82	H	3.0											N	S	
83	H	2.5											N	S	
84	H	3.0											N	S	
85	H	3.0											N	S	
86	H	3.0											N	S	
87	H	1.0									X		B	U	Not SRO-only. Low LOD. Rewrote Q
88	H	3.0						X				X	B	U	Question provides info (resin injection or fuel failure), thus no SRO diagnosis/prediction needed. Replaced K/A and Q
89	H	3.0											B	S	
90	H	3.0											N	S	
91	H	3.0											N	S	
92	H	3.0											N	S	
93	H	3.0											N	S	
94	H	3.0											B	S	
95	H	3.0											B	S	

Q	1. LOK (F/A)	2. LOD (L/S)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. Source (B/M/N)	7. Status (U/E/S)	8. Explanation
96	H	1.0											X	N	U	LOD=1. Q requires RO knowledge. Replaced K/A and Q.
97	F	3.0												B	S	
98	H	2.5												N	S	
99	H	3.0												N	S	
100	H	3.0												N	S	