

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only		
1	H	3												S	
2	F	2												S	
3	H	3												S	
4	F	2												S	
5	H	3												S	
6	H	3												S	
7	H	3												S	
8	H	3												S	

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9	H	3												S	
10	H	3												S	
11	H	3												S	
12	H	3												S	
13	H	3										?		S	KA mismatch Plant Response? OK after review
14	H	3												S	
15	F	2												S	
16	H	3												S	

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17	H	3												S	
18	H	3												S	
19	H	3												S	
20	H	2												S	
21	F	2												S	
22	H	3												S	
23	H	3												S	
24	F	2												S	

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25	H	3												S	
26	F	2												S	
27	H	2												S	
28	F	2												S	
29	F	2												S	
30	F	2												S	
31	H	2												S	
32	F	2												S	

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33	F	2												S	
34	H	3												S	
35	F	2												S	
36	H	3												S	
37	F	2												S	
38	F	2												S	
39	F	3												S	
40	H	3												S	

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41	F	2												S	
42	H	3				X								U	Implausible distractors - fixed
43	H	2												S	
44	H	2												S	
45	F	2												S	
46	F	2												S	
47	F	2												S	
48	F	2												S	

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49	F	2												S	
50	H	3												S	
51	F	2												S	
52	H	3												S	
53	H	3												S	
54	H	3												S	
55	H	3												S	
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56	H	3												S	
57	H	3												S	
58	H	3												S	
59	H	3												S	
60	F	2												S	
61	H	3												S	
62	H	3												S	
63	H	3												S	

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64	H	3												S	
65	H	3												S	
66	F	2												S	
67	F	2												S	
68	H	3												S	
69	H	2												S	
70	F	2												S	
71	F	2												S	

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72	H	3												S	
73	F	2												S	
74	F	2												S	
75	H	3												S	

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77	H	3												S	
78	H	3												S	
79	H	3												S	
80	H	2												S	
81	H	3												S	
82	H	3												S	
83	F3													S	

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84	H	3												S	
85	H	3										U		U	Determine rod position – use a diagram - fixed
86	H	3												S	
87	H	3												S	
88	H	3												S	
89	H	3												S	
90	H	3												S	
91	H	3												S	

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  - 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 One or more distractors are is 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).
- f. Based on the reviewer's judgment, is the question as written (U)nacceptable (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).

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only		
92	H	3												S	
93	H	3												U	DLO with reference - removed
94	F	3												S	
95	H	3												S	
96	H	3												E	Clarify power level in relation to access limit - fixed
97	H	2												S	
98	H	2										U		U	KA MM - Replaced
99	F	2												S	
100	H	2												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 One or more distractors are is 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:
- 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).
- Based on the reviewer's judgment, is the question as written (U)nacceptable (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).