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	Back ward	Q – K/A	SRO Only			
1	H	3												N	S	
2	H	3												N	S	
3	F	2												N	S	
4	H	3												N	S	
5	H	3												N	S	
6	H	3												N	S	Reference Provided
7	H	3												N	S	
8	H	3												B	S	2011 Exam

Refer to Section D of ES-401 and Appendix B for additional information regarding each of the following concepts:

1. Enter the level of knowledge (LOK) of each question as either (F)undamental or (H)igher cognitive level.
2. 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.
3. 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).
4. 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.
5. 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.)
6. 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.
7. 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?
8. At a minimum, explain any "U" status 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. Source (B/ M / N)	7. Status (U /E /S)	8. Explanation
			Stem Focus	Cues	T/F	Cred. Dist	Partial	Job-Link	Minutia	# / Units	Back ward	Q – K/A	SRO Only			
9	H	3												N	S	
10	H	3												N	S	
11	H	3												B	S	2005 Exam
12	H	3												N	S	
13	H	2												N	S	
14	F	3												M	S	
15	H	3												M	S	
16	F	3												N	S	
17	H	3												N	S	
18	H	3												M	S	
19	H	3												N	S	
20	F	3												N	S	
21	F	3												M	S	
22	F	3												N	S	
23	H	3												N	S	
24	H	3												M	S	
25	H	3												N	S	
26	H	3												N	S	

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	Back ward	Q – K/A	SRO Only			
27	H	3												N	S	
28	F	3												N	S	
29	F	2												N	S	
30	H	2												N	S	
31	F	3												N	S	
32	F	3												N	S	
33	F	2												N	S	
34	F	2												N	S	
35	F	2												M	S	
36	H	4												N	S	
37	F	2												N	S	
38	F	2												N	S	
39	F	2												N	S	
40	F	2												N	S	
41	H	3												B	S	2009 Exam
42	H	3												N	S	
43	H	3												B	S	2015 exam, last two exams
44	F	2												N	S	

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	Back ward	Q – K/A	SRO Only			
45	H	3												N	S	
46	F	2												N	S	
47	F	3												N	S	
48	H	3												M	S	
49	F	3												N	S	
50	H	3												M	S	
51	H	3												N	S	
52	H	3												M	S	
53	H	2												N	S	
54	H	3												B	S	2002 Exam
55	F	2												N	S	
56	H	3												N	S	
57	F	2												N	S	
58	F	3												N	S	
59	H	3												N	S	
60	F	3												N	S	
61	H	3												N	S	
62	H	3												M	S	

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	Back ward	Q – K/A	SRO Only			
63	F	3												N	S	
64	F	2												N	S	
65	F	2												N	S	
66	F	2												N	S	
67	F	2												N	S	
68	F	3												M	S	
69	F	2												B	S	2009 Exam
70	H	2												N	S	
71	H	3												M	S	
72	F	3												M	S	
73	F	3												N	S	
74	H	3												N	S	
75	F	3												N	S	
76	H	3												M	S	
77	H	3												N	S	
78	F	3												N	S	
79	F	3												N	S	
80	H	3												N	S	

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	Back ward	Q – K/A	SRO Only			
81	H	3												N	S	
82	F	3												N	S	
83	H	3												N	S	
84	H	3												N	S	
85	H	4												N	S	
86	H	3												N	S	
87	F	3												N	S	
88	H	3												B	S	2011 Exam, Reference Provided
89	F	3												B	S	2009 Exam
90	F	3												N	S	
91	F	3												N	S	
92	H	3												N	S	
93	F	3												B	S	Unit 1, 2018 Exam, Reference Provided
94	F	3												N	S	
95	F	3												N	S	
96	H	3												N	S	
97	H	3												N	S	
98	H	2												N	S	

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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	Back ward	Q – K/A	SRO Only			
99	H	3												B	S	2014 Exam
100	H	2												N	S	