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	2	X											B	E	"current power supply" vs "effect on the power supply"
2	F	2	X											N	E	F vs H. Capitalize DIRECT.
3	F	3												M	S	
4	F	3												N	S	
5	H	2												M	S	
6	H	3	X				.							N	E	Adjust distracters to eliminate "same" as a clue.
7	F	2	X											N	E	Make clear that PRT temp alarm actuated. C/D add "directly."
8	F	2										X		B	U	KA mismatch. Fix Q or reselected KA.

Instructions
[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 using a 1 – 5 (easy – difficult) rating scale (questions in the 2 – 4 range are acceptable).

3.   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).

4.   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.

5.   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).

6.   Enter question source: (B)ank, (M)odified, or (N)ew. Check that (M)odified questions meet criteria of 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" 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. 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			
9	H	2	X											M	E	Change C/D to 45 vs 40 minutes.
10	H	3												B	S	
11	H	4												B	S	
12	H	3												B	S	
13	F	2	X			D								N	E	Ask for maximum flow. Make D 400 to be more plausible.
14	F	2												B	S	
15	H	2												N	S	
16	H	3	X											N	E	PI-2161 is on loop B not A.
17	H	2												M	S	
18	H	2												M	S	
19	F	2												N	S	
20	F	2												B	S	
21	F	2												N	S	
22	F	2												B	S	
23	H	3	X											N	E	Fix wording in B, spell out 1 in A & B.
24	H	1	X											B	U	LOD 1. Reselect or rewrite Q.
25	H	2												B	S	
26	H	3												N	S	Typo in KA statement
27	H	2	X				X							B	U	No correct answer. Proportional heaters off @ 2250.
28	F	2												N	S	

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			
29	H	2												B	S	Fix explanation for C.
30	H	3												N	S	
31	H	2												N	S	
32	H	2												N	S	
33	F	2				C,D								N	U	Red lights indicate open not plausible. Eliminate colors from Q.
34	H	2												B	S	
35	F	2												N	S	
36	H	3												N	S	
37	H	3				B,D								N	U	Minimum temp for criticality is not plausible.
38	F	2												N	S	
39	F	2												B	S	
40	H	3				D	A							B	U	Too academic Licensee to change Q or reselect.
41	F	3												B	S	
42	F	2										X		B	U	K/A mismatch. Procedure vs system features. Fix or reselect.
43	F	2	X											N	E	Typo – following. F vs H
44	H	2												B	S	
45	H	2	X											B	E	Reword Q wrt IA leak location and impact.
46	H	3				A								B	E	Include a procedure in A to parallel other distracters.
47	H	3												B	S	
48	H	2												B	S	

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			
444																

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			
49	H	2												M	S	
50	H	2												N	S	H vs F
51	H	2				C,D								N	U	Change pressures in C & D to make plausible.
52	F	3												N	S	
53	F	2												N	S	F vs H
54	H	3	X											N	E	Delete "may." Use "can" or something more definitive.
55	F	4												B	S	
56	H	2												N	S	
57	H	2												B	S	
58	H	3												N	S	
59	F	2												N	S	
60	H	3												B	S	
61	H	2												B	S	
62	F	3												B	S	
63	H	3												N	S	H vs F
64	H	2												B	S	

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			
65	F	2												N	S	
66	H	2												M	S	H vs F
67	H	2												B	S	
68	F	1												N	U	Too obvious. Fix or reselect K/A.

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			
69	F	3												N	S	
70	H	2												M	S	
71	F	2				A,C,D								B	U	B is the obvious. Fix Q or replace.
72	F	3	X											N	E	Spell out 1.
73	F	3										X		N	U	Does not meets intent of K/A. GET Q. Fix or reselect K/A.
74	F	2												M	S	
75	H	2				D								B	S	H vs F
76	H	2	X											B	E	Separate & combine 1st 2 bullets.
77	H	2												N	S	
78	H	3				C,D								N	U	Reference makes C/D implausible. Make PZR level 0 with no ref.
79	H	3												N	S	

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			
80	H	3	X											N	E	C – delete last sentence, add no S/D required to ensure correctness.
81	H	2												N	S	
82	H	2	X											B	E	Typo – remove gap in bullet list.
83	H	3	X											N	E	Typo in Q identifies vs identified. Edit distracters.
84	H	2												B	S	
85	H	2				D								M	E	No L/D while continuing operations not plausible. Add excess L/D.
86	H	3												N	S	

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			
87	H	2	X											M	E	PI-2161 is Loop B. Delete PTL for EDGs in A & D. Edit D.
88	H	3	X											N	E	Typo – effect vs affect
89	H	2												B	S	
90	H	2	X											M	E	Fix one minute delays in distracters.
91	H	2												N	S	
92	F	2					X							N	E	Include data in Q to specify plant is in Mode 6.
93	H	2												N	S	
94	F	3												N	S	
95	H	3												N	S	

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			
96	F	3	X											B	E	Fix B – doses vs dose rates.
97	H	3	X											B	E	Delete reference to Mode 6.
98	F	2												B	S	
99	H	2	X											M	E	Spell out 1 and 2.
100	H	3								.				B	S	