

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	Backward	Q=K/A	SRO Only			
1	F	2												B	S	
2	H	3												N	S	
3	F	1	X											B	U	Need to rework Q.
4	F	2	X											B	E	Change C&D to 1700 vs 1440.
5	H	2												B	S	
6	F	2												B	S	
7	H	2												N	S	
8	H	2				C&D								B	U	Replace/rework C&D.

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	H	2												B	S	
10	H	3												N	S	
11	H	2												B	S	
12	F	2												B	S	
13	H	2	X											B	E	Replace LOOP statement with conditions to analyze.
14	H	3	X											N	E	Add verbs to choices. Capitalize Bus 11B in 4 <sup>th</sup> bullet.
15	H	2	X											B	E	Delete first sentence from every choice.
16	H	2												B	S	
17	H	2												B	S	
18	H	2												B	S	
19	H	3												N	S	
20	F	2												N	S	
21	H	2												N	S	
22	H	2												N	S	
23	H	2	X											N	E	Delete first sentence from every choice.
24	H	3												N	S	
25	H	2	X											M	E	Make "cannot be reset" a separate bullet.
26	H	3												B	S	
27	F	2												N	S	
28	F	3	X											M	E	Capitalize Bus 1 in stem. Component(s). Change C to A&C RCPS.

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29	H	3												M	S	
30	H	2	X											B	E	Change 6 <sup>th</sup> bullet to a component failure to cause temp change.
31	H	2	X											B	E	Delete factual statements from choices.
32	H	2	X											N	E	Reword Q for clarity.
33	F	1												B	U	Reselect KA.
34	F	2	X											N	E	Reword A & D for clarity.
35	F	3	X											B	E	Delete second sentence from C & D. Reword B.
36	H	3												B	S	
37	H	2	X											B	E	Start at 60% vs 75% power.
38	H	2	X											N	E	Reword Q. Put choices in table format.
39	H	2				A,C								B	U	Change A&C to high pressure trip. There is no low level trip.
40	H	3												B	S	
41	H	2												B	S	
42	F	2												N	S	
43	F	2												N	S	
44	H	3	X											B	E	Replace LOOP w/ condenser conditions. Add "initially" to Q.
45	F	2												B	S	
46	H	2												B	S	
47	H	2	X											B	E	Change pressure to 1930.
48	F	2												B	S	

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49	F	2												B	S	
50	H	3												N	S	
51	F	2												M	S	
52	F	3	X											N	E	Pair L/D monitor with other monitors.
53	H	3												N	S	
54	H	2												N	S	
55	F	2												B	S	
56	F	3	X											B	E	Modify Q to avoid ambiguous word "significantly."
57	F	2												B	S	
58	F	2				C								B	E	C is overly conservative. Replace C.
59	H	2	X											B	E	Add "<" to choice C.
60	H	3	X											B	E	Replace 5 <sup>th</sup> bullet with instrument failure
61	F	2												B	S	
62	H	2												B	S	
63	F	3												N	S	
64	H	2	X			A, B								N	U	Change IC to 40%. Change A&B to trip Tx and go to AOP.
65	F	2												N	S	
66	F	2				A								B	E	Replace A with two no solo operators on shift together.
67	F	2												B	S	
68	F	3	X											B	E	Too leading. Reword Q.

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69	F	1												B	U	Reselect K/A.
70	F	2												N	S	
71	F	2	X											B	E	Remove "volunteers" and make D 25000 mRem.
72	F	2	X											B	E	Clarify distractor D.
73	F	2				D								N	E	Replace D with option of entering AOP after exiting EOPs.
74	H	2	X											M	E	Re-order parts of Q. No references needed.
75	H	2												N	S	
76	H	2	X			C								B	E	Change 5 <sup>th</sup> bullet to 280000. Replace C – it has no time limit.
77	H	2	X											B	E	Add IAW ES-1.2. Replace SCM with temperature and pressure.
78	H	2												B	S	
79	H	2												N	S	
80	H	3	X				B							B	U	Change B.
81	H	2												N	S	
82	H	2	X											N	E	Rephrase B,C&D. Include wording about CNMT requirements.
83	F	2												N	S	
84	H	2	X											M	E	Delete 3 <sup>rd</sup> bullet.
85	H	2	X											B	E	Replace 5 <sup>th</sup> bullet with conditions for FR-P.1 or reword Q.
86	H	2											X	B	U	Rework/review to make SRO-only.

