FACILITY COMMENTS TO THE PROPOSED

WRITTEN EXAMINATION, ES-401-9

FOR THE LASALLE INITIAL EXAMINATION - NOVEMBER 2006

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6.	7.
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only	U/E/S	Explanation
1	H	2.0	x											U	new. Not enough info provided in the stem to arrive at a correct answer. Which rod blocks are being tested? Replace the question. **Replaced.**
2	H	2.0				x								U	new. Two correct answers. Based on allowable assumptions, Distractor c. is correct, but distractor b. is correct under the given conditions. Modify the stem to eliminate b. as a correct answer. **Stem modified.**
3	H	2.0												S	new.
4	F	2.5												S	new.
5	H	2.0				x								U	new. Two correct answers. Term "shortly" subject to interpretation making b. and d. correct answers. Replace the question. **Replaced.**
6	F	2.0												S	new.
7	H	2.5												S	modified.
8	F	2.0												E	bank. "damper" should be "valve" **Replaced "damper" w/" valve"**

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.   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?

7.   At a minimum, explain any "U" 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	Back-ward	Q= K/A	SRO Only		
9	F	2												E	new. Re-format the distractors. *No changes made.*
10	F	2.0												E	modified. *Clarification added to stem to clarify bundle status.*
11	H	2.0												E	new. Replace "Primary Containment" with "drywell" *Replaced.*
12	H	2.0												E	new. Modify distractor c. to prevent being a second correct answer. *Modified by changing reason for cooling down.*
13	H	2.5												E	new. Replace "should be monitored" with "SHALL be determined" *Replacement text inserted.*
14	F	2.0												S	new.
15	F	2.5												E	modified. Restore negatives to water levels in bullet 3. *Cut and paste error; corrected using LaSalle specific numbers for L3 and L8.*
16	H	2.5												E	new. Replace first bullet w/"NOT all rods are inserted." SLC is SBLC. Capitalize NOT in distractors b. and d., and restore negative to vessel level on distractor b. *Replace phrase as requested, Changed SLC to SBLC, capitalized NOT, and restored negative to -185.*
17	H	3.0												S	new.
18	H	2.5												S	new.
19	F	2.5						x						U	new. Not RO. *Replaced Q with RO question from BANK..*
20	F	2.0												S	new.
21	H	2.5				x								E	new. Two correct answers with the provided initial conditions. Change "decreasing slowly" in the last two initial conditions to make d. the only correct distractor. *Changed "decreasing slowly" to "steady"*
22	H	2.0				x								U	new. Unable to verify correct answer. Question is beyond knowledge of control room operators. Requires engineer to determine correct answer. *Replaced question w/comparable bank question.*
23	H	2.0												E	new. Capitalize "NOT" *Capitalized NOT.*
24	H	2.0												S	new.
25	H	2.0												E	new. Replace "Fault" with "Trouble" capitalize "NOT" *Replaced Fault & capitalized NOT.*
26	F	2.0												E	new. Add noun description of Figure S Curve. *Replaced reference to "S" curve with inability to maintain below specified limit.*

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		
27	F	2.0												S	new.
28	F	4.0							x					U	new. Beyond knowledge level required for RO/SRO. *Replaced with Q from BANK.*
29	F	2.0												E	new. Correct LPSC. *Typed LPCS.*
30	H	2.5												E	new. Put stem in past tense. *Replaced is with was.*
31	H	2.0												S	new
32	H	2.0												E	new. Change "sensor" to "indicator" *Made suggested enhancement.*
33	H	2.0												E	new. Change flow to 7500 gpm in stem to clearly indicate above design flow of 7175 pm. *Changed given flow to 7500 gpm.*
34	F	2.0												E	new. Correct typos. *Changed rapid to rapidly, reformatted last sentence of stem.*
35	F	2.0												S	new.
36	H	2.5												E	new. Swap IRMs and SRMs. *Moved B and D to SRMs, moved B, D, F, and H to IRMs.*
37	H	2.5												E	new. Add "on Range 1" to last bullet; add "with no operator actions." to the stem; add SRM to the front of distractor b. for correct terminology. *Made suggested changes, re-sequenced distractors.*
38	H	2.5												S	new.
39	F	2.0												S	new.
40	H	2.0												S	modified. Add five psig to distractors & 130 psig to ensure applicant understanding. Correct answer is on the setpoint. *No changes were made.*
41	H	2.0												S	bank.
42	H	2.0												S	new.
43	F	2.0				x								E	new. Add ONLY to distractors b. and c. to ensure only one correct answer. a. is a subset of the correct answer and is therefore, also correct. *Added ONLY.*
44	H	2.0												E	new. Correct typo. *Changed know to known.*
45	H	2.5												S	new.

Q#	LOK (F/H)	LOD (1-5)	Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Back-ward	Q=K/A	SRO Only	U/E/S	Explanation
														S	new.
46	F	2.0												S	modified
47	F	2.0												E	modified. Capitalize NOT. *Capitalized NOT.*
48	F	2.0												U	new. Distractor d. is also correct. *Replaced distractor d.*
49	F	2.0				x								E	new. Correct typo in distractor b. *Changed distractor to read 50-70%.*
50	F	2.0				x								U	new. Based on recent mod, distractor d. is also correct. *Modified distractor d.*
51	H	2.5												S	modified.
52	H	2.0												S	modified.
53	H	2.5												S	new.
54	F	2.0												S	new.
55	F	2.0												S	new.
56	F	2.0												S	new.
57	H	2.5												S	new.
58	F	2.5						x						U	new. Not an RO responsibility. SROs declare operability. *Replaced with Q87 after making suggested changes.*
59	F	2.0												E	new. Remove to from distractor d. *Removed "to"*
60	H	2.0												~~U~~ S	new. This looks like #28. Replace question. *The two questions appear similar, but test different items. Q# 28 tests power to a relay logic, Q# 60 tests instrument logic failures. Q not changed.*
61	H	2.0												S	new.
62	H	2.0				x								U	modified. Two correct answers. Distractor d. is also correct if skimmer surge tank lowers, it will cause a low suction pressure trip. *Added the word ONLY to distractor a. Modified stem to allow correct grammar when using distractors c., d.*
63	H	2.0												E	modified. Remove constant from distractor a., b. - already contained in the stem. *Removed constant from distractors.*
64	F	2.0												S	new.
65	H	2.0												E	new. Capitalize not, make "pumps" singular. *Made suggested changes.*

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only		
66	F	2.0												S	new.
67	F	2.0												S	new.
68	F	2.0												S	new.
69	F	2.0												S	new.
70	F	2.0				x								U	bank. Two correct answers as presented. Distractor b. is a subset of the correct answer and is therefore correct. **Added the word ONLY to distractors a. and b.**
71	H	2.0												E	bank. Capitalize additional. **Capitalized ADDITIONAL.**
72	F	2.0												S	bank.
73	F	2.0												S	bank.
74	H	2.0												E	modified. Place (AA) behind automatic actions. **Made suggested change.**
75	H	2.5	X											U	new. No correct answer as submitted. Add er to dispatch, change ADS INITIATION TIMER to ADS LOGIC A INITIATED. This will make distractor a. the correct answer. **Made changes as suggested.**
76	H	2.0											x	S	new.
77	H	2.5											x	S	new.
78	H	2.5											x	S	new.
79	H	3.0											x	S	modified.
80	H	2.5						x					x	U	new. Not SRO. **Replaced Q with SRO ONLY question from BANK.**
81	H	2.5						x					x	U	new. Not SRO. **Replaced Q with SRO ONLY question from BANK.**
82	H	2.0				x							x	U	new. Two correct answers. Change suppression pool temperature to 200°F, steady to make only c. correct. **Made suggested changes.** (Question DELETED after post-exam comments submitted.)
83	H	2.5											x	E	new. Distractors a. and b. are subsets of distractors c. and d. Add the word ONLY to the two distractors for consistency. **Added ONLY.**
84	H	2.0											x	E	new. Replace "initiate" in distractor a. with "start" (local terms) **Replaced initiate w/ start.**

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85	H	2.5											x	E	new. Add RCIC in front of room temperature. *Added RCIC in correct place.*
86	H	2.5				x							x	U	modified. No correct answer as submitted. *Replaced with modified Q from bank*
87	H	2.5				x							x	U	new. No correct answer as submitted. Delete "from the MCR" from the stem and change distractor d. to read: "Manually open SRVs from the remote shutdown panel. *Replaced with a modified version of Q58.*
88	H	2.0						x					x	U	new. Not SRO Only. *Replaced with SRO ONLY from bank.*
89	H	2.0				x							x	U	new. Distractors can be eliminated without answer both parts of question. *Modified distractors to create a ½ twice question.*
90	H	2.5											x	S	new.
91	H	3.0											x	S	modified.
92	H	2.5											x	E	new. Delete from distractor d.: "resulting in a L8 trip of the Main Turbine and TDRFPs., manual, and MSL drains, TDRFPs, etc. *Removed the suggested text.*
93	H	2.0											x	S	new.
94	F	2.0						x					x	U	new. Not SRO Only. *Replaced with SRO ONLY from bank.*
95	H	2.0											x	E	new. Replace appropriate with "required" in the stem. *Replaced appropriate.*
96	H	2.5											x	S	new. Recommend replacement. Operators are not trained on 50.59 evaluations until after licensing. *Replaced question.*
97	F	2.5											x	E	modified. Add a bullet "The signal to noise ratio is 15 to 1." *Added requested text.*
98	H	2.5											x	S	modified.
99	F	2.0											x	S	new.
100	H	2.0											x	S	bank.