

CALLAWAY 7/2002

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		
R1	F	2												S	†
R2	F	2												S	
R3	F	3												S	
R4	F	3												S	†
R5	H	3												S	
R6	F	3												S	
R7	H	3												S	
R8	H	3												S	
R9	F	3												S	
R10	H	3												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.
 - More than one distractor is not credible.
 - 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).
- 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).

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R11	H	3												S	
R12	H	3												S	
R13	H	3												S	
R14	H	3												S	†
R15	F	3												S	
R16	F	3												S	
R17	F	3												S	
R18	F	3												S	
R19	H	3												S	
R20	H	3												S	†
R21	F	2												S	
R22	F	2												S	
R23	F	4												S	†
R24	F	3												S	
R25	F	3												S	
S1	F	3												S	
S2	F	3												S	Reference in stem should be to step 5 of FR-S.1
S3	F	3												S	†
S4	F	3												S	
S5	H	3												S	
S6	H	3												S	†
S7	F	3				✓								E	Provide a lower RWST level for Distractor D

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S8	F	3												S	†
S9	F	3												S	
S10	H	3												S	
S11	H	3												S	
S12	F	3												S	
S13	F	3												S	
S14	H	3												S	
S15	H	4												S	†
S16	F	3												S	
S17	F	3												S	†
S18	F	3												S	
S19	F	3												S	
S20	H	3												S	
S21	F	3												S	
S22	F	3												S	
S23	F	3												S	
S24	H	3												S	
S25	F	2												S	
B1	H	3												S	
B2	F	3												S	
B3	H	3												S	†
B4	H	3												S	
B5	H	3												S	
B6	F	3												S	
B7	H	3												S	
B8	H	2												S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
B9	H	3												S	
B10	H	3							✓					S	† Where is expectation that students know battery capacity?
B11	F	3												S	
B12	F	3												S	
B13	H	3												S	
B14	F	3												S	
B15	F	3												S	
B16	F	3												S	
B17	H	3												S	†
B18	H	3												S	
B19	H	3												S	
B20	H	3												S	†
B21	H	3												S	†
B22	F	3												S	
B23	F	3												S	
B24	H	3												S	
B25	H	3												S	
B26	H	3												S	
B27	H	3												S	†
B28	H	3												S	†
B29	H	3												S	
B30	F	3												S	
B31	F	3												S	
B32	H	3												S	
B33	H	3												S	
B34	H	3												S	†

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B35	H	3												E	Clarify Distractor C and Answer D to indicate this alarm comes in after subsequent inward rod movement. One is led to believe that the alarm is recieved as a result of the rod recovery.
B36	H	3												S	
B37	H	3												S	†
B38	H	4												S	†
B39	H	3												S	
B40	H	3												S	
B41	H	3												S	
B42	H	3												S	
B43	H	3												S	
B44	H	3												S	†
B45	H	2												S	
B46	F	3												S	
B47	F	2												S	
B48	F	3												S	†
B49	H	3												S	
B50	F	3												S	
B51	H	3												S	
B52	H	4												S	†
B53	H	4												E	† Containment pressure @ 10 psig and increasing 1 psig per minute does not appear to be consistent with CSAS @ 27 psig. Clarify initial conditions and subsequent pressure increase.
B54	F	3												S	
B55	H	3												S	†
B56	H	3												S	
B57	H	3												S	
B58	H	3												S	

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B59	F	3												S	
B60	H	3												S	
B61	F	2												S	†
B62	H	3												S	†
B63	F	3												S	
B64	F	2												S	
B65	H	3												S	†
B66	F	2												S	†
B67	F	3												S	
B68	F	2												S	
B69	F	3												S	
B70	F	2												S	
B71	F	2												S	†
B72	F	3												S	
B73	H	3												S	
B74	H	3												S	
B75	H	3												S	

†Reviewed as part of initial 30 question sample