

Form 2.3-4 Written Examination Quality Checklist

Facility: Quad Cities		Date of Exam: 1/30/2023		Exam Level: RO <input type="checkbox"/> SRO <input checked="" type="checkbox"/>		
Item Description				(Y)es / (N)o		
				a	b*	c#
1. Questions and answers are technically accurate and applicable to the facility. Each question includes a technical reference.				Y	Y	Y
2. a. All questions reference NRC knowledge and abilities (K/As) requirements. b. Facility learning objectives are referenced as available. c. All questions include an explanation of the correct answer explanation and a distractor analysis.				Y	Y	Y
3. Senior reactor operator (SRO) questions test at the SRO license level.				Y	Y	Y
4. The sampling process was random and systematic. (If more than four reactor operator (RO) or two SRO questions were repeated from the last two NRC licensing exams, including full (100-question) retake examinations, consult the NRC Office of Nuclear Reactor Regulation operator licensing program office.)				Y	Y	Y
5. Question duplication from the licensee screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate: <input type="checkbox"/> The audit exam was systematically and randomly developed. <input type="checkbox"/> The audit exam was completed before the license exam was started. <input checked="" type="checkbox"/> The examinations were developed independently. <input checked="" type="checkbox"/> The licensee certifies that there is no duplication. <input type="checkbox"/> Other (explain):				Y	Y	Y
6. Bank use meets limits (no more than 75% from the bank, at least 10% new (at the comprehension/analysis level), and the rest new or modified); enter the actual RO/SRO-only question distribution >				Bank	Modified	New
				12 / 5	1 / 0	62 / 20
7. Between 38 and 45 questions of the questions on the RO exam and at least 13 of the questions on the SRO-only portion of the exam are written at the comprehension/analysis level; enter the actual RO/SRO-only question distribution >				Memory		C/A
				33 / 07	42 / 18	
8. References/handouts provided do not give away answers or aid in the elimination of distractors.				Y	Y	Y
9. Question content conforms to specific K/A statements in the previously approved examination outline and is appropriate for the K/A statements' assigned tier; deviations are justified.				Y	Y	Y
10. Question psychometric quality and format meet the instructions and guidelines in ES-4.2.				Y	Y	Y
11. The exam contains the required number of one-point, multiple-choice items; the total is correct and agrees with the value on the cover sheet.				Y	Y	Y
Printed Name/Signature				Date		
a. Author	Sean Sullivan			11/11/22		
b. Facility Reviewer (*)	Matt Seeley			11/11/22		
c. NRC Reviewer (#)						
NRC Chief Examiner						
NRC Regional Supervisor						
* The facility licensee signature is not applicable for NRC-developed tests.						
# An independent NRC reviewer performs steps in column c. This may be the NRC Chief Examiner if he/she did not develop the written examination under review.						