### Form 2.3-4 Written Examination Quality Checklist

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Facility: Date of Exam: Exam Level: RO SRO | | | | | | |
| 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. | | | |  |  |  |
| 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. | | | |  |  |  |
| 1. Senior reactor operator (SRO) questions test at the SRO license level. | | | |  |  |  |
| 1. 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.) | | | |  |  |  |
| 1. Question duplication from the licensee screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate:   \_\_ The audit exam was systematically and randomly developed.  \_\_ The audit exam was completed before the license exam was started.  \_\_ The examinations were developed independently.  \_\_ The licensee certifies that there is no duplication.  \_\_ Other (explain): | | | |  |  |  |
| 1. 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 |  |  |  |
| **/** | **/** | **/** |  |  |  |
| 1. 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 |  |  |  |
| **/** | | **/** |  |  |  |
| 1. References/handouts provided do not give away answers or aid in the elimination of distractors. | | | |  |  |  |
| 1. 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. | | | |  |  |  |
| 1. Question psychometric quality and format meet the instructions and guidelines in ES-4.2. | | | |  |  |  |
| 1. 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. | | | |  |  |  |
| Printed Name/Signature Date  a. Author \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_  b. Facility Reviewer (\*) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_  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. | | | | | | |