### Form 3.6-5 Reactor Operator Competency Grading Worksheet for the Simulator Operating Test

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| **Reactor Operator (RO) Competency 1:**  **Interpret/Diagnose Events and Conditions Based on Alarms, Signals, and Readings**  This competency does *not* include knowledge of system operation such as setpoints,  interlocks,or automatic actions nor the understanding of how one’s actions affect the plant and  systemconditions—this is evaluated in Competency 3. | | | | |
| Rating Factors (RFs) | Weighting Factors | RF Scores | RF Grades | Comp.  Grade |
| (a) Did the applicant RECOGNIZE and VERIFY off‑normal trends and status accurately and promptly in order to identify conditions that are out of specification? | Not observed = 0  (N/O) | 3 |  | **\_\_\_\_\_\_\_** |
| **Nominal = 0.33** | 2 |
| (b) N/O = 0.50 | 1 |
| (c) N/O = 0.50 | 0 |
| (b) Did the applicant correctly INTERPRET/DIAGNOSE plant conditions based on control room indications to guard against and mitigate conditions that are out of specification and to verify that signals are consistent with plant and system conditions? | N/O = 0 | 3 |  |
| **Nominal = 0.34** | 2 |
| (a) N/O = 0.50 | 1 |
| (c) N/O = 0.50 | 0 |
| (c) Did the applicant prioritize and ATTEND TO annunciators, alarm signals, and instrument readings in order of importance and severity? | N/O = 0 | 3 |  |
| **Nominal = 0.33** | 2 |
| (a) N/O = 0.50 | 1 |
| (b) N/O = 0.50 | 0 |

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| **RO Competency 2:**  **Comply with and Use Procedures, References, and Technical Specifications** | | | | |
| Rating Factors (RFs) | Weighting Factors | RF Scores | RF Grades | Comp.  Grade |
| (a) Did the applicant REFER TO and/or VERIFY the appropriate normal, alarm/annunciator, abnormal, emergency, and administrative procedure or reference in sufficient time to avoid adverse impacts on plant status? | N/O = 0 | 3 |  | \_\_\_\_\_\_\_ |
| **Nominal = 0.33** | 2 |
| (b) N/O = 0.50 | 1 |
| (c) N/O = 0.50 | 0 |
| (b) Did the applicant COMPLY WITH procedures (including precautions and limitations) and references in an accurate manner and in sufficient time to avoid adverse impacts on plant status?  This includes recognizing emergency operating procedure entry conditions, carrying out immediate actions without assistance, and using control room reference materials, such as prints, books, and charts to aid in the response to events and plant conditions. | N/O = 0 | 3 |  |
| **Nominal = 0.34** | 2 |
| (a) N/O = 0.50 | 1 |
| (c) N/O = 0.50 | 0 |
| (c) Did the applicant RECOGNIZE plant conditions that are addressed in technical specifications and COMPLY WITH required limiting conditions for operation and action statements?  This includes the use of control room reference materials, such as prints, books, and charts, to aid in the diagnosis and classification of events and conditions. | N/O = 0 | 3 |  |
| **Nominal = 0.33** | 2 |
| (a) N/O = 0.50 | 1 |
| (b) N/O = 0.50 | 0 |

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| **RO Competency 3:**  **Operate Plant Component Controls** | | | | |
| Rating Factors (RFs) | Weighting Factors | RF Scores | RF Grades | Comp.  Grade |
| 1. Did the applicant LOCATE AND MANIPULATE controls in an accurate manner to attain a desired plant and system response in sufficient time to avoid adverse impacts on plant conditions?   This includes the ability to locate plant and system instruments and indications. | N/O = 0 | 3 |  | \_\_\_\_\_\_\_ |
| **Nominal = 0.34** | 2 |
| (b) N/O = 0.50 | 1 |
| (c) N/O = 0.50 | 0 |
| 1. Did the applicant’s actions demonstrate UNDERSTANDING OF SYSTEM OPERATION, including set points, interlocks, and automatic actions?   This includes knowledge of system operation AND the understanding of how one’s actions affect plant and system conditions. | N/O = 0 | 3 |  |
| **Nominal = 0.33** | 2 |
| (a) N/O = 0.50 | 1 |
| (c) N/O = 0.50 | 0 |
| (c) Did the applicant demonstrate the ability to take MANUAL CONTROL of automatic functions when appropriate based on plant conditions? | N/O = 0 | 3 |  |
| **Nominal = 0.33** | 2 |
| (a) N/O = 0.50 | 1 |
| (b) N/O = 0.50 | 0 |

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| **RO Competency 4:**  **Communicate and Interact with Other Crew Members** | | | | |
| Rating Factors (RFs) | Weighting Factors | RF Scores | RF Grades | Comp.  Grade |
| 1. Did the applicant PROVIDE clear, pertinent, and accurate INFORMATION, oral and written, on system status to others for the performance of their jobs? This includes providing information to other crew members about conditions affecting safe plant operation, regardless of which applicant’s control board is directly affected. | N/O = 0 | 3 |  | \_\_\_\_\_\_\_ |
| **Nominal = 0.34** | 2 |
| (b) or (c) N/O = 0.50 | 1 |
| 1. Did the applicant effectively RECEIVE INFORMATION from others? This includes requesting, acknowledging, and attending to information from other crew members about conditions affecting safe plant operation, regardless of which applicant’s control board is directly affected. | N/O = 0 | 3 |  |
| **Nominal = 0.33** | 2 |
| (a) or (c) N/O = 0.50 | 1 |
| 1. Did the applicant successfully CARRY OUT THE INSTRUCTIONS of the supervisor? | N/O = 0 | 3 |  |
| **Nominal = 0.33** | 2 |
| (a) or (b) N/O = 0.50 | 1 |