| JPM# | 1. Dyn (D/S) | 2. LOD (1-5) | 3. Attributes | | | | | 4. Job Content Errors | | 5. U/E/S | 6. Explanation (See below for instructions) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | IC Focus | Cues | Critical Steps | Scope (N/B) | Over-lap | Job-Link | Minutia | | |
| RO (A1) | | | | | | | | | | | |
| RO (A2) | | | | | | | | | | | 1. Add comments in box at bottom of Attachment 11.1 (Applicant should not…) to the Comment box in the JPM (page 4 of 5).  DONE |
| RO (A3) | | | | | | | | | | | |
| RO (A4) | | | | | | | | | | | |
| | | | | | | | | | | | GENERIC COMMENTS: <br><br> 1. Add steps to the JPMs.  Done |

Instructions for Completing Matrix

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2. Determine level of difficulty (LOD) using established 1-5 rating scale.  Levels 1 and 5 represent inappropriate (low or high) discriminatory level for the license being tested.
3. Check the appropriate box when an attribute weakness is identified:
    - The initiating cue is not sufficiently clear to ensure the operator understands the task and how to begin.
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7. Save initial review comments as normal black text; indicate how comments were resolved using blue text so that each JPM used on the exam is reflected by a (S)atisfactory resolution on this form.

**DRAFT OPERATING TEST COMMENTS**

<span style="color:red">**CONTROL ROOM/IN-PLANT SYSTEMS JPMS**</span>

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| S1 | | | | | | | | | | | 1. JPM step 3 – can't be Critical if switch is already in Manual.  Removed CRITICAL<br>2. JPM step 4 – if BAM-113A will fail to open, then the Standard can't be that both valves are open. Also, since BAM-113A fails to open, step can't be Critical.  Revised Comments<br>3. JPM step 4 – add to comment block that If applicant attempts to establish emergency boration via Gravity Feed first, BAM-113A will fail to open.  Revised Comments<br>4. JPM step 6 – is it correct that if applicant starts BOTH BAM pumps, he fails?  Revised Standard<br>5. JPM step 7 – change Standard to read "BAM-126A is closed if BAM Pump A is running OR BAM-126B is closed if BAM Pump B is running."  Done<br>6. JPM step 9 – is there a way to initial charging flow < 40 gpm such that the applicant would have to raise charging flow – thus making the step Critical?  No<br>7. Add to Evaluator Note prior to JPM step 3 – "Actions to initiate emergency boration are Immediate Operator Actions and procedure reference is NOT allowed."  Done |
| S2 | | | | | | | | | | | |
| S3 | | | | | | | | | | | 1. JPM step 1 – the Attachment 10.10 we hand the applicant should have the SM/CRS Permission line already signed and dated. Also, should there be a WO Number?  Will provide correct handout<br>2. Evaluator Cue prior to JPM step 15 – change to: "When applicant informs CRS to refer to TS 3.2.8, direct him to continue with OP-903-118, step 7.10.2.5"  Done |
| S4 | | | | | | | | | | | 1. JPM step 5 – ensure applicant is required to manipulate the controller in order for step to be Critical.  Verified |
| S5 | | | | | | | | | | | 1. Add procedure title to Initiating Cues (… using OP-008-006, <span style="color:red">Hydrogen Recombiner</span>)  Done<br>2. JPM step 3 – change acceptable range to 1.18 to 1.195 (must be below 1.2)  Done<br>3. JPM step 5 – change acceptable range to 56.6 – 57.4.  Done<br>4. JPM step 13 – how can this step be Critical since monitoring temps won't occur until performance of JPM step 14?  Removed CRITICAL<br>5. JPM steps 15 and 16 - Add to Comment block that upward temperature trend is monitored.  Done<br>6. JPM step 19 – add to Comment block that setting should be 56.6 – 57.4.  Done<br>7. JPM step 21 – Change Comment block to read "… End task when applicant reads all 3 thermocouple temperatures."  Done |
| S6 | | | | | | | | | | | 1. JPM step 1 – add at the beginning "Procedure Note." Step is not Critical.  Added Note, removed Critical<br>2. JPM step 2 – move the sentence "Action does not begin until both parameters are rising" from the Standard block of step 1 to be the first sentence of the Standard block of step 2.  Done<br>3. JPM step 5 – where does the approx. 400 gpm come from?  Should there be an acceptable range since the step is Critical?  Revised Standard |
| S7 | | | | | | | | | | | 1. Add Evaluator Note prior to JPM step 1:  When applicant is ready, inform the Booth operator to place simulator in RUN.  Done<br>2. JPM step 11 – Is there action to perform or are the CS pump switches already in Normal position? If not, then not Critical Step.  Yes, there are actions – no change required |

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| S8 | | | | | | | | | | | 1. Add Evaluator Note prior to JPM step 1:  When applicant is ready, inform the Booth operator to place simulator in RUN.  Done<br>2. Prior to JPM step 1, add a step for applicant to read Procedure Caution.  Done<br>3. After Caution, procedure step 1 is not included in JPM…?  Added Step 1 |
| P1 | | | | | | | | | | | 1. Add to Evaluator Note prior to JPM step 9 – if applicant reports to Control Room that Air Regulator is not working, ask applicant if there is an alternate method to operate the ADV. If local handwheel is identified, then direct applicant to open valve using handwheel.  Done<br>2. JPM step 9 – since the Air Regulator is faulted, step is not Critical. Also, add to Comment block that applicant should go to Section 8.7.4.  Fixed |
| P2 | | | | | | | | | | | 1. What is the protected Train the week of March 15th?  Will we need to change JPM to Train B? Changed to SUPS MD<br>2. JPM step 2 – Procedure Note – not Critical Step.  Removed Critical<br>3. JPM step 15 (procedure step 6.1.2.8) is not Critical Step.  Removed Critical<br>4. JPM step 16 (procedure step 6.1.2.9) is not Critical Step.  Removed Critical |
| P3 | | | | | | | | | | | 1. Add to Initiating Cues that "This is a Time Critical JPM"  Done<br>2. How are we going to account for the time it takes to use normal access routes vice using the "specific door" the procedure directs? Is the Time Critical portion just Attachment step 4?  Added Evaluator Note<br>3. If we hand out Steps 1-3 of Attachment 4, they should be initialed as completed.  Will mark handout<br>4. Add to JPM the NOTE before procedure step 4.  Done |
| | | | | | | | | | | | GENERIC COMMENTS:<br><br>1. Add steps to the JPMs.  Done |

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