# KSC SAFETY VARIANCE REQUEST

NASA Variance Number
KSC-2011-0011

| | | |
|---|---|---|
| 1. Date of Request<br>09/22/2011 | 2. Duration<br>Per KSC PVS Risk-Based Plan | 3. Variance Type<br>☐ Deviation ☐ Exception ☒ Waiver |
| 4. Requesting Organization (Enter Company Name)<br>NASA KSC Safety & Mission Assurance, SA-G2 | | 5. Location of Variance<br>Kennedy Space Center |
| 6. Document and Section (Unmet Requirement)<br>NPD 8710.5D, Policy for Pressure Vessels and Pressurized Systems, Para. 5.d.(5) and Para. 5.e.(3)<br>NASA-STD-8719.17, Rev. A, Para. 4.3.3.2 | | 7. NASA Program (Select All that Apply)<br>☒ Shuttle ☒ Payloads ☒ Launch Services<br>☒ Institutional ☒ Space Station<br>☒ Constellation ☐ Other _____ |
| 8. Variance Title<br>KSC PVS Risk-Based Plan for Compliance with NPD 8710.5D and NASA- STD-8719.17 Rev. A | | 10. Safety Program (Select All that Apply)<br>☐ Explosives, Propellants & Pyrotechnics<br>☐ Lifting Devices & Equipment<br>☐ Lightning & Grounding<br>☒ Pressure Vessels/Systems<br>☐ Fire Protection<br>☐ N/A |
| 9. Variance Effectivity<br>See attached KSC PVS Risk-Based Plan | | |
| 11. Does this safety variance involve NASA employees from an operational or risk exposure perspective?<br>☒ Yes ☐ No | | |
| 12. Is Procedural Change Required?<br>☐ Yes ☒ No | If yes, Specify Procedure | |

13. What is the specific requirement(s) that cannot be met (including document and section reference)? Why?

**NPD 8710.5D, Policy for Pressure Vessels and Pressurized Systems**

Para. 5.d.(5), "d. The management of the organization responsible for the ground-based PVS shall perform the following activities: (5) Ensure all PVS are certified (or qualified/accepted) in accordance with this NPD prior to use (Requirement 57474)."

Para. 5.e.(3), "e. The PSM shall perform the following activities for ground-based PVS: (3) Evaluate and certify PVS in accordance with paragraph 1.b or paragraph 1.e and NASA-STD-8719.17 prior to operation (Requirement 57480)."

Note: NPD 8710.5D, paragraphs 1.b and 1.e referenced above are policy statements which drive compliance with the certification requirements of NASA-STD-8719.17.

**NASA-STD-8719.17 Rev. A, NASA Requirements for Ground-Based Pressure Vessels and Pressurized Systems (PVS)**

Para. 4.3.3.2, "All PVS shall be certified, recertified, and documented in accordance with the requirements of NPD 8710.5 and this standard (Requirement)."

Approximately 6% of KSC PVS are currently certified in accordance with the requirements of NASA-STD-8719.17 Rev. A.

Refer to the attached KSC PVS Risk-Based Plan for inventory, status, and planned recertification dates.

Note: This variance supersedes KSC Safety Variance KSC-2009-0002 Rev. A.

14. What is the rationale for not meeting the requirement(s), what other options were considered, and what was the rationale used to disposition/discard these options?

NASA-STD-8719.17, initially released in 2006, mandated more rigorous PVS certification requirements than previous NASA/KSC requirements levied by the KNPR 8715.3 supplement to NPD 8710.5, Policy for Pressure Vessels and Pressurized Systems. Additionally, NASA-STD-8719.17 expanded the scope and applicability to include PVS less than 150 psig which were previously excluded by former PVS certification requirements. The end result of these changes imposed a tremendous burden on KSC and all other NASA Centers. To address this burden, NASA-STD-8719.17 Rev. A, released in 2009, removed the previously-imposed 2011 deadline for recertification to NASA-STD-8719.17 requirements, and levied the following requirement:

"4.5.12 No later than September 22, 2011 (five years from the original issue date of this standard), each Center shall identify all active PVS, perform a preliminary evaluation, and develop a risk based plan for PVS certification, placing each system into one of the following classifications: (1) fully compliant with the requirements of this standard, (2) less than fully compliant, but posing no apparent immediate unacceptable risk, or (3) posing a risk such that immediate mitigation or removal from service is required. Those PVS in group (2) do not require immediate certification (recertification), but shall still be certified in accordance with this standard as

per the risk-based plan (Requirement)."

Note: Any PVS determined to be in classification (3) above are immediately removed from service and are not put back into service until deficiencies are corrected. This is standard operating procedure.

Approximately 94% (1153 of 1229) of KSC PVS fall into classification (2) above. Approximately 79% of that group (907 of 1153) are in this classification due to the fact that they are currently certified to NASA/KSC PVS certification requirements which preceded NASA-STD-8719.17. The bulk of remaining PVS in this classification were previously excluded from NASA/KSC PVS certification requirements. With respect to the last sentence in the requirement above, the attached KSC PVS Risk-Based Plan lays out the timeline for certification/recertification and indicates that all KSC PVS will be fully compliant with the requirements of NASA-STD-8719.17 Rev. A in Fiscal Year 2021.

Note: This waiver will be required until such time as all KSC PVS are certified/recertified per NASA-STD-8719.17 Rev. A or subsequent revisions.

Two other options were considered:

1. Obtain additional resources to certify/recertify PVS in the "less than fully compliant" classification by 22 September 2011.
2. Shut down currently operating PVS not certified to NASA-STD-8719.17 Rev. A.

Option 1 was deemed unrealistic given the sheer number of systems involved, adverse operational impacts, and funding constraints.

Option 2 was deemed unnecessary due to ongoing operational requirements and the fact that these systems are considered safe for continued use. This assertion is based on the results of preliminary evaluations of all KSC PVS, current certifications (where applicable) to former NASA/KSC PVS requirements, and ongoing programmed maintenance and inspection programs.

15. What is the plan for ensuring future compliance or partial compliance, thereby eliminating the need for future variances?

The attached KSC PVS Risk-Based Plan represents the KSC PVS Community's initial projection for bringing all KSC PVS into compliance with NASA-STD-8719.17 Rev. A's certification/recertification requirements. Quarterly, the KSC PVS Community will review progress, current status, and potential improvement to the plan until full compliance with NASA-STD-8719.17 Rev. A is realized.

Each year on the anniversary of this variance, the KSC PSM will publish a report on progress, current status, and significant changes to the KSC PVS Risk-Based Plan. This annual report and the updated KSC PVS Risk-Based Plan will be disseminated to all affected organizations and all signatories to this variance.

16. What are the risks associated with failure to meet the requirement(s)? What are the risks associated with not approving this variance (i.e., is there an increased risk if the requirement must be met)?

Given that many KSC PVS are not compliant with NASA-STD-8719.17 Rev. A; there is an unquantified (and potentially increased) risk exposure to personnel and facilities during the continued operation of KSC PVS. Additionally, there is some undetermined number of unknown / undocumented PVS whose age and current condition are unknown. (Note: When discovered, these previously unknown / undocumented PVS will be included in the KSC PVS Risk-Based Plan and certified in accordance with NASA-STD-8719.17 Rev A.)

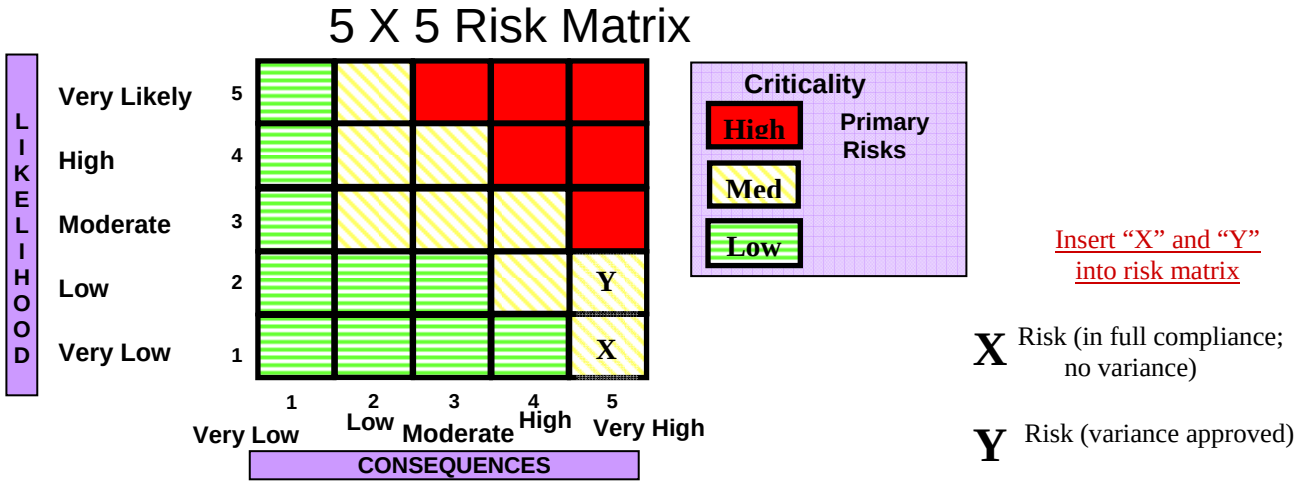
Failure to approve this variance will require that approximately 94% of KSC's operational PVS be removed from service pending certification per NASA-STD-8719.17 Rev. A, and greatly impact operational support for all customers throughout KSC.

17. What is the likelihood of occurrence of a mishap with the identified controls in-place, and what are the consequences should the controls fail or a mishap occur?

The worst potential consequence is loss of life due to catastrophic failure of pressure vessel or other pressurized component with personnel in the affected vicinity.

Likelihood of a mishap is low based on: (1) the results of preliminary evaluations of all KSC PVS to include those previously excluded (reference attached KSC PVS Risk-Based Plan Assumptions and Ground Rules), (2) current certifications (where applicable) to NASA-STD-8719.17, (3) current certifications to other NASA/KSC PVS certification requirements which preceded NASA-STD-8719.17, and (4) ongoing programmed maintenance and inspection programs.

18. Risk Matrix




19. What additional measures or controls have been taken to minimize risk to personnel, facilities or flight hardware, thus ensuring a safe operation in lieu of the requirement? How has the number of people exposed to the potential hazard been minimized? How has the amount of hardware exposed to the hazard been minimized?

Preliminary evaluations of all identified active PVS, as required by NASA-STD-8719.17 Rev. A, were conducted using a White Sands Test Facility-developed Risk Assessment Tool, inspections, and other considerations deemed pertinent by the contractor's PSM conducting the evaluation. The relative risks resulting from these evaluations were compared and used to determine the recertification sequence and timing for the KSC PVS Risk-Based Plan. Any PVS determined to present an unacceptable risk were taken out of service and will not be operated until deficiencies are corrected.

Previously excluded, presently uncertified PVS, such as tank-mounted air compressors and other PVS operating at less than 150 psig, undergo routine maintenance, inspection, and are operated by trained/qualified persons.

The large majority of KSC PVS (currently certified to NASA/KSC PVS certification requirements which preceded NASA-STD-8719.17) undergo regular in-service inspections and programmed maintenance in accordance with their active certifications.

20. Have any design features or procedural controls been eliminated or compromised which would affect the safe operation of the system/operation?

No.

21. Comments and/or rationale for non-concurrence/disapproval:

# KSC SAFETY VARIANCE REQUEST

NASA Variance Number KSC-2011-0011

| ORGANIZATION | Approval Level (Circle One) | SIGNATURE | DATE | MAIL CODE | PHONE |
|---|---|---|---|---|---|
| 22. Initiator<br>NASA/KSC<br>Pressure Systems Manager | Concurrence Yes No N/A | Joe Torsani | | SA-G2 | 861-3806 |
| | | | | | |
| 23. URS ISC | | | | | |
| PVS Representative | Concurrence Yes No N/A | Niran Noparat | 9/9/2011 | ISC-4420 | 853-4034 |
| ISC S&MA Division Mgr. | Concurrence Yes No N/A | Sandy Spradlin | 9/9/11 | ISC-8000 | 867-6116 |
| ISC Director | Approval Yes No | Larry Ostarly | 9/9/2011 | ISC-001 | 867-6259 |
| | | | | | |
| 24. USA SPOC | | | | | |
| PVS Representative | Concurrence Yes No N/A | Paul Espy | | USK-750 | 861-9264 |
| Manager, USA Safety Engineering & Health | Concurrence Yes No N/A | Lisa Waters | | USK-291 | 861-1820 |
| Director, APM Launch & Recovery Systems | Approval Yes No | Patricia Stratton | | USK-383 | 861-3894 |
| | | | | | |
| 25. Boeing CAPPS | | | | | |
| PVS Representative | Concurrence Yes No N/A | Mario Bailey | | 721S-S282 | 867-8044 |
| Director of SHEA | Concurrence Yes No N/A | Sarah Patterson | | 721S-S105 | 867-6797 |
| Boeing CAPPS Program Manager | Approval Yes No | Mark Jager | | 721G-0001 | 867-5391 |
| | | | | | |
| 26. Team QinetiQ N.A. ESC | | | | | |
| PVS Representative | Concurrence Yes No N/A | Eric Shirer | | ESC-9 | 867-1516 |
| Manager, Safety, Health, Environmental & Mission Assurance | Concurrence Yes No N/A | Steve Owens | | ESC-19 | 867-6720 |
| Team QNA-Program Manager | Approval Yes No | Joe Broadwater | | ESC-1 | 867-0432 |
| | | | | | |

SEE NEXT PAGE

# KSC SAFETY VARIANCE REQUEST

NASA Variance Number KSC-2011-0011

| ORGANIZATION | Approval Level (Circle One) | SIGNATURE | DATE | MAIL CODE | PHONE |
|---|---|---|---|---|---|
| 22. Initiator<br>NASA/KSC<br>Pressure Systems Manager | Concurrence Yes No N/A | Joe Torsani | | SA-G2 | 861-3806 |
| | | | | | |
| 23. URS ISC | | | | | |
| PVS Representative | Concurrence Yes No N/A | Nirun Noparat | | ISC-4420 | 853-4034 |
| ISC S&MA Division Mgr. | Concurrence Yes No N/A | Sandy Spradlin | | ISC-8000 | 867-6116 |
| ISC Director | Approval Yes No | Larry Ostarly | | ISC-001 | 867-6259 |
| | | | | | |
| 24. USA SPOC | | | | | |
| PVS Representative | Concurrence (Yes) No N/A | Paul Espy | 9/12/11 | USK-750 | 861-~~9264~~ 9569 |
| Manager, USA Safety Engineering & Health | Concurrence (Yes) No N/A | Lisa Waters | 9/9/11 | USK-291 | 861-1820 |
| Mgr Test Operation | Concurrence (Yes) No N/A | Jeff McAlear | 9/12/11 | USK-217 | 861-7416 |
| Dir Manufacturing and Processing | Approval (Yes) No N/A | Greg Crews | 9-12-11 | USK-019 | 861-7037 |
| USA APM | Approval (Yes) No N/A | | 9-12-11 | | |
| 25. Boeing CAPPS | | | | | |
| PVS Representative | Concurrence Yes No N/A | Mario Bailey | | 721S-S282 | 867-8044 |
| Director of SHEA | Concurrence Yes No N/A | Sarah Patterson | | 721S-S105 | 867-6797 |
| Boeing CAPPS Program Manager | Approval Yes No | Mark Jager | | 721G-0001 | 867-5391 |
| | | | | | |
| 26. Team QinetiQ N.A. ESC | | | | | |
| PVS Representative | Concurrence Yes No N/A | Eric Shirer | | ESC-9 | 867-1516 |
| Manager, Safety, Health, Environmental & Mission Assurance | Concurrence Yes No N/A | Steve Owens | | ESC-19 | 867-6720 |
| Team QNA-Program Manager | Approval Yes No | Joe Broadwater | | ESC-1 | 867-0432 |
| | | | | | |

SEE NEXT PAGE

# KSC SAFETY VARIANCE REQUEST

NASA Variance Number KSC-2011-0011

| ORGANIZATION | Approval Level (Circle One) | SIGNATURE | DATE | MAIL CODE | PHONE |
|---|---|---|---|---|---|
| 22. Initiator<br>NASA/KSC<br>Pressure Systems Manager | Concurrence Yes No N/A | Joe Torsani | | SA-G2 | 861-3806 |
| | | | | | |
| 23. URS ISC | | | | | |
| PVS Representative | Concurrence Yes No N/A | Nirun Noparat | | ISC-4420 | 853-4034 |
| ISC S&MA Division Mgr. | Concurrence Yes No N/A | Sandy Spradlin | | ISC-8000 | 867-6116 |
| ISC Director | Approval Yes No | Larry Ostarly | | ISC-001 | 867-6259 |
| | | | | | |
| 24. USA SPOC | | | | | |
| PVS Representative | Concurrence Yes No N/A | Paul Espy | | USK-750 | 861-9264 |
| Manager, USA Safety Engineering & Health | Concurrence Yes No N/A | Lisa Waters | | USK-291 | 861-1820 |
| Director, APM Launch & Recovery Systems | Approval Yes No | Patricia Stratton | | USK-383 | 861-3894 |
| | | | | | |
| 25. Boeing CAPPS | | | | | |
| PVS Representative | Concurrence (Yes) No N/A | Mario Bailey<br>Mario Bailey | 9/6/11 | 721S-S282 | 867-8044 |
| Director of SHEA | Concurrence (Yes) No N/A | Sarah Patterson<br>Sarah Patterson | 9/7/11 | 721S-S105 | 867-6797 |
| Boeing CAPPS Program Manager | Approval (Yes) No | Mark Jager | 9/9/11 | 721G-0001 | 867-5391 |
| | | | | | |
| 26. Team QinetiQ N.A. ESC | | | | | |
| PVS Representative | Concurrence Yes No N/A | Eric Shirer | | ESC-9 | 867-1516 |
| Manager, Safety, Health, Environmental & Mission Assurance | Concurrence Yes No N/A SEE NEXT PAGE | Steve Owens | | ESC-19 | 867-6720 |
| Team QNA-Program Manager | Approval Yes No | Joe Broadwater | | ESC-1 | 867-0432 |
| | | | | | |

# KSC SAFETY VARIANCE REQUEST

NASA Variance Number KSC-2011-0011

| ORGANIZATION | Approval Level (Circle One) | SIGNATURE | DATE | MAIL CODE | PHONE |
|---|---|---|---|---|---|
| 22. Initiator<br>NASA/KSC<br>Pressure Systems Manager | Concurrence Yes No N/A | Joe Torsani | | SA-G2 | 861-3806 |
| | | | | | |
| 23. URS ISC | | | | | |
| PVS Representative | Concurrence Yes No N/A | Nirun Noparat | | ISC-4420 | 853-4034 |
| ISC S&MA Division Mgr. | Concurrence Yes No N/A | Sandy Spradlin | | ISC-8000 | 867-6116 |
| ISC Director | Approval Yes No | Larry Ostarly | | ISC-001 | 867-6259 |
| | | | | | |
| 24. USA SPOC | | | | | |
| PVS Representative | Concurrence Yes No N/A | Paul Espy | | USK-750 | 861-9264 |
| Manager, USA Safety Engineering & Health | Concurrence Yes No N/A | Lisa Waters | | USK-291 | 861-1820 |
| Director, APM Launch & Recovery Systems | Approval Yes No | Patricia Stratton | | USK-383 | 861-3894 |
| | | | | | |
| 25. Boeing CAPPS | | | | | |
| PVS Representative | Concurrence Yes No N/A | Mario Bailey | | 721S-S282 | 867-8044 |
| Director of SHEA | Concurrence Yes No N/A | Sarah Patterson | | 721S-S105 | 867-6797 |
| Boeing CAPPS Program Manager | Approval Yes No | Mark Jager | | 721G-0001 | 867-5391 |
| | | | | | |
| 26. Team QinetiQ N.A. ESC | | | | | |
| PVS Representative | Concurrence Yes No N/A | Eric Shirer | 9-9-11 | ESC-9 | 867-1516 |
| Manager, Safety, Health, Environmental & Mission Assurance | Concurrence Yes No N/A | Steve Owens | 9-9-11 | ESC-19 | 867-6720 |
| Team QNA-Program Manager | Approval Yes No | Joe Broadwater | 9/9/11 | ESC-1 | 867-0432 |
| | | | | | |

| 27. NASA/KSC | Approval Level (Circle One) | SIGNATURE | DATE | MAIL CODE | PHONE |
|---|---|---|---|---|---|
| System Engineer | Concurrence Yes No N/A | Hudson Delee | 9/8/11 | TA-A5B | 867-4445 |
| System Engineer | Concurrence Yes No N/A | W. David Wiedemuth<br>David Wiedemuth | 9/8/11 | NE-F2 | 867-5928 |
| System Engineer | Concurrence Yes No N/A | Kenneth R. Ford<br>Kenneth R. Ford | 9/8/11 | GP-G1 | 861-3968 |
| System Engineer | Concurrence Yes No N/A | Elizabeth Sarra | 9/8/11 | GP-G1 | 867-6067 |
| Propellants and Life Support Branch Chief | Concurrence Yes No N/A | Ken Madyda | 9-8-11 | TA-A5B | 867-2824 |
| Technical Integration Manager | Concurrence Yes No N/A | Phil Weber | | LX | 867-2057 |
| Fluids/Liquid Propulsion Division Chief | Concurrence Yes No N/A | Henry Bursian | 9/16/2011 | NE-F | 861-3870 |
| Mechanical Division Chief | Concurrence Yes No N/A | Emilio Cruz | 9/15/11 | NE-M | 867-1204 |
| 21st Century Program Chief Engineer | Concurrence Yes No N/A | Robert A. Parrish | 9/15/11 | NE-O | 867-7061 |
| Design and Development Chief Engineer | Concurrence Yes No N/A | Hector Delgado | 9/15/11 | NE-O | 867-9295 |
| S&MA Division Chief, Constellation Project Office | Concurrence Yes No N/A | Russ Deloach | 9/13/11 | SA-F | 861-4123 |
| S&MA Division Chief, Op. Processing Safety | Concurrence Yes No N/A | Maynette Smith | 9/13/11 | SA-B | 867-6593 |
| S&MA Division Chief, Institutional Safety | Concurrence Yes No N/A | Charles D. Barker | 9/13/11 | SA-E | 867-6351 |
| S&MA Division Chief, Launch Services Safety | Concurrence Yes No N/A | Richard A. Boutin | 9/13/11 | SA-D | 867-3440 |
| Chair, Ground Risk Review Panel (GRRP) | Concurrence Yes No N/A | Ronald Gillett | 9/13/11 | SA-G2 | 867-9135 |
| 28. Director of TA | Acceptance/ Approval Yes No | Michael J. Benik | 9/16/11 | TA | 867-4538 |
| Director of PH | Acceptance/ Approval Yes No | George Jacob for Rita Willcoxon | 9/16/11 | PH | 867-4343 |
| Director of UB | Acceptance/ Approval Yes No | Josephine P. Burnett | 9/16/11 | UB | 867-6478 |
| Director of GP | Acceptance/ Approval Yes No | Scott Kerr | 9/16/11 | GP | 867-2490 |
| Director of LX | Acceptance/ Approval Yes No | Pepper Phillips | 9/16/11 | LX | 867-6400 |
| Director of VA | Acceptance/ Approval Yes No | Amanda Mitskevich | 9/16/11 | VA | 867-4173 |
| Director of NE | Acceptance/ Approval Yes No | for Patrick A. Simpkins | 9/16/11 | NE | 867-7770 |
| 29. Director of S&MA | Concurrence Yes No | Michael Wetmore | 9/16/11 | SA | 867-7390 |
| 30. Director, KSC | Acceptance/ Approval Yes No | Robert D. Cabana | 22SEP11 | AA | 867-3333 |

31. Additional information provided for Block Number _____ Date _____

**Attachments:**

KSC PVS Risk-Based Plan dated 22 September 2011.

| 32. Additional Signatures | Approval Level (Circle One) | SIGNATURE | DATE | MAIL CODE | PHONE |
|---|---|---|---|---|---|
| AFGE Local 513 | Review | Richard Griffin | 9-9-11 | SA-B2 | 861-5025 |
| | Concurrence Yes No N/A | | | | |
| | Concurrence Yes No N/A | | | | |
| | Concurrence Yes No N/A | | | | |
| | Concurrence Yes No N/A | | | | |
| | Concurrence Yes No N/A | | | | |

# Kennedy Space Center (KSC)
# Pressure Vessels and Pressurized Systems (PVS)
# Risk-Based Plan for Compliance with NPD 8710.5D and NASA-STD-8719.17 Revision A

22 September 2011

## KSC PVS Risk-Based Plan
## Assumptions and Ground Rules

The following Assumptions and Ground Rules represent the consensus of the KSC PVS Community. They are interdependent and are in no particular order. Assumptions, Ground Rules, and the plan itself will be reevaluated and adjusted as necessary during the quarterly KSC PVS Community reviews and updates of the KSC PVS Risk-Based Plan.

1. The KSC PVS Risk-Based Plan fulfills the following NASA-STD-8719.17A requirement:

   *"4.5.12 No later than September 22, 2011 (five years from the original issue date of this standard), each Center shall identify all active PVS, perform a preliminary evaluation, and develop a risk based plan for PVS certification, placing each system into one of the following classifications:*

   *(1) fully compliant with the requirements of this standard,*

   *(2) less than fully compliant, but posing no apparent immediate unacceptable risk, or*

   *(3) posing a risk such that immediate mitigation or removal from service is required.*

   *Those PVS in group (2) do not require immediate certification (recertification), but shall still be certified in accordance with this standard as per the risk-based plan (Requirement)."*

2. The KSC PVS Risk-Based Plan is and will continue to be a living document. Given the uncertainty and dynamic nature of current and future needs, operations, requirements, funding, contracts, tenants, etc., the KSC PVS Risk-Based Plan will represent the KSC PVS Community's most accurate assessment and projections. The KSC PVS Community will meet quarterly to review progress, discuss changes and opportunities, and update the plan. The KSC PSM will publish and disseminate a revised KSC PVS Risk-Based Plan annually on 22 September until all KSC PVS have been brought into compliance with NASA-STD-8719.17A.

3. Preliminary evaluations of all identified active PVS were conducted by each contract's Pressure Systems Manager (PSM) using the White Sands Test Facility (WSTF)-developed Risk Assessment Tool, inspections, and other considerations deemed pertinent by the PSM conducting the evaluation. The relative risks resulting from this evaluation were compared and used to determine the recertification sequence and timing for the KSC PVS Risk-Based Plan within each contract. Results of these evaluations will be maintained by each contract's Pressure Systems Manager.

4. Given that many PVS previously used in the Space Shuttle Program, Space Station Program, and other Programs at KSC have yet to be designated for use in future programs, their current certifications may lapse in the interim. Should this occur, affected PVS will be tagged out as inactive and will be recertified to the current revision of NASA-STD-8719.17A prior to any future use.

5. KSC PVS Risk-Based Plan is based on existing resources (personnel currently available to conduct PVS recertification) on the date of its publication.

6. Current certifications will not be permitted to expire / waived in order to accomplish certifications of other systems. If a current PVS certification expires, the PVS will be tagged out as inactive and will be recertified to the current revision of NASA-STD-8719.17A prior to reactivation. The single exception to this rule will be in accordance with the following NASA-STD-8719.17A requirement:

   *"4.11.2.3 PVS shall be recertified on or before one-half the documented initial service life or one-half the recertified remaining life (Requirement). In the event that operational or test needs place constraints on system availability for certification functions, the PSM may extend the certification period, without processing a waiver, by no more than the lesser of 5% of the safe remaining life or 180 days. Such extension shall be documented in the recertification configuration management system (Requirement)."*

7. Upgrades, modifications, and repair/replace/decommission efforts required to meet recertification requirements are neither predicted nor accounted for in the KSC PVS Risk-Based Plan.

8. Future funding by new Programs will be determined by the number of active PVS required by the individual Programs. The current plan assumes existing PVS will remain active and future funding is available. The plan will be adjusted based on actual future PVS requirements. All Programs are responsible for certifying / recertifying all their active PVS in accordance with NASA-STD-8719.17A.

## KSC PVS Risk-Based Plan
## Active Inventory and Status as of 22 September 2011

**1229 Active Pressurized Systems**

**1558 Active Pressure Vessels (995 Non-ASME Code Stamped)**

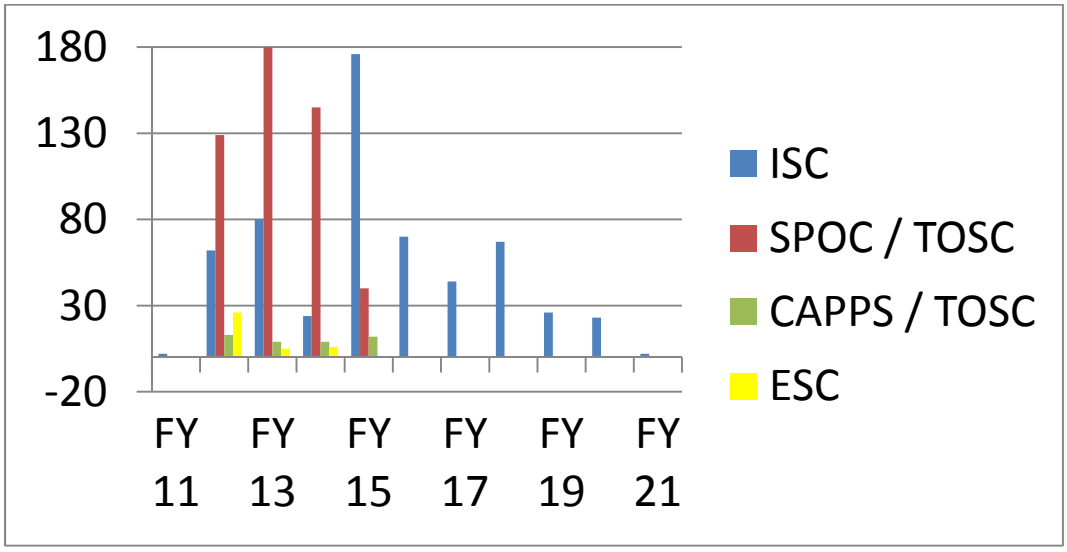
**NASA-STD-8719.17 Rev. A, Paragraph 4.5.12 Classification Totals:**

- 68 (~6%) Fully compliant with the requirements of NASA-STD-8719.17 Rev. A
- 1153 (~94%) Less than fully compliant, but posing no apparent immediate unacceptable risk
- 8 (<1%) Out of service—awaiting repair or replacement

**Certification Status Totals:**

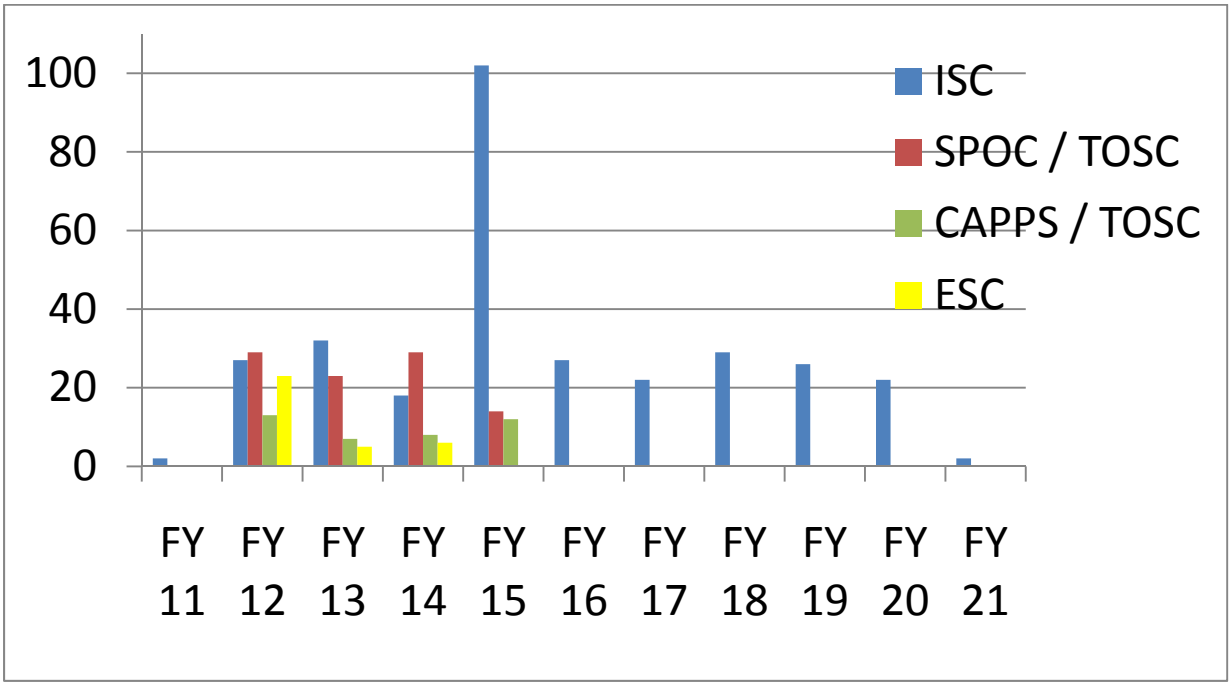
- 986 (80%) are certified to NASA-STD-8719.17 or predecessors
- 243 (20%) are not yet certified to any standard
  - The large majority of these were previously excluded PVS

**1150 PVS Planned Certifications / Recertifications by Contract:**



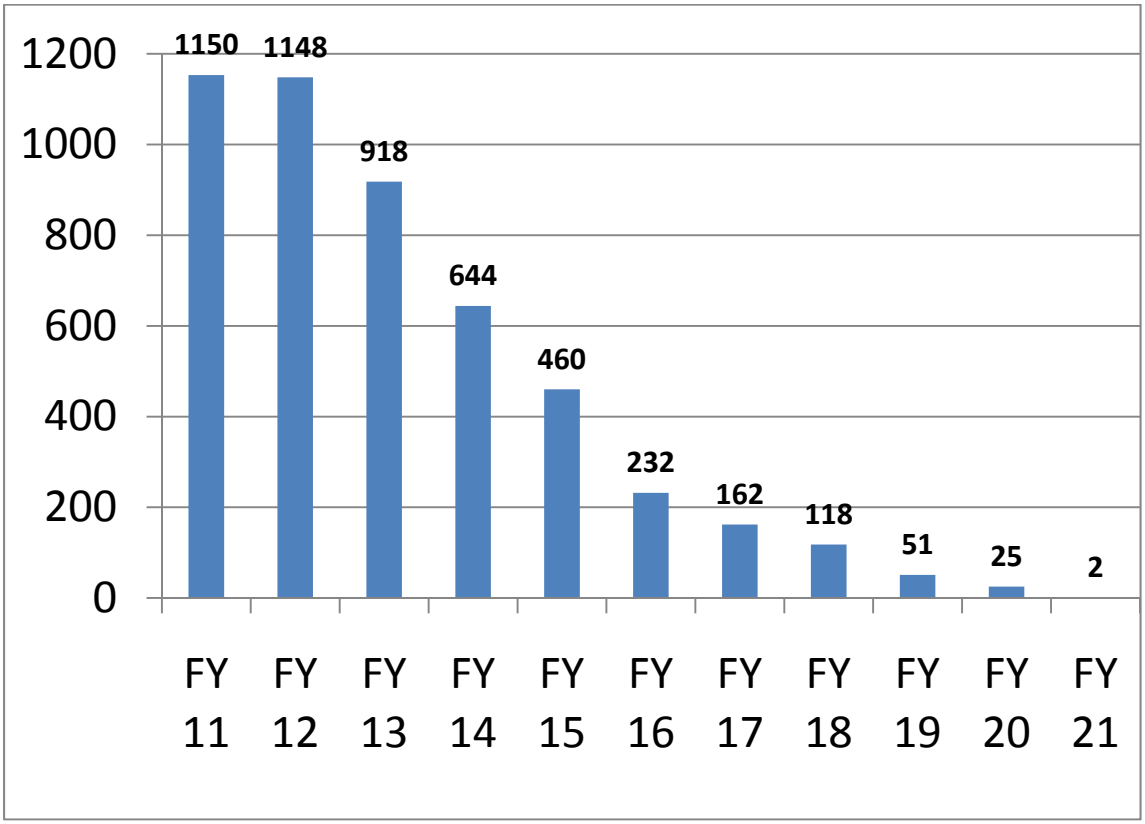

**Note: Three PVS of 1153 identified as not fully compliant have been certified to all current requirements however they are still "not fully compliant" due to non-Code Stamped pressure vessels. These are not included in this chart. Anticipated OSHA approval of a NASA HQ Alternate Standard will permit these three PVS to become fully compliant in the near term—most likely within the next 3-5 years. This will apply to approximately 64% of our pressure vessels.**

**Plan for 478 Certification Reports Covering 1150 KSC PVS by Contract:**




**Note: FY 15 spike consists of 3 large systems for re-certification,10 small/nominal systems for re-certification, and 89 smaller, previously excluded systems for which we intend to use a simplified certification process currently under development. The spike in systems to be certified is a result of available resources based on the lower estimated man-hours for these smaller systems.**

**NASA-STD-8719.17 Rev. A, Compliance Burn-Down:**




KSC PVS Risk-Based Plan (as of 22 September 2011) follows. See Column 8, "Risk-Based Recertification Date" for planned fiscal year and quarter each system is programmed for certification / recertification.

# KSC Combined Active PVS Inventory
## Risk-Based Plan for Certification in Accordance With NASA-STD-8719.17A
## as of 22 September 2011

| Contract Reference No. | Certification Report Number | System Description | Total # of Sub-Systems Covered by the Certification Report | Current Recertification Due Date | Compliance with NASA-STD-8719.17A | Action Category | Risk-Based Recertification Date (FY/Quarter) | Comments |
|---|---|---|---|---|---|---|---|---|
| ISC 1 | KSC-9452 | LIFE SUPPORT OXYGEN SUPPLY SYSTEM | 1 | In progress | Not Fully Compliant | Use As Is | 2011/4 | |
| ISC 2 | KSC-9566 | LIFE SUPPORT FAC LIQUID AIR STORAGE SYS | 1 | To be released | Not Fully Compliant | Use As Is | 2011/4 | |
| ESC 1 | TBD | LETF Gaseous Nitrogen System | 1 | Nov-30 | Not Fully Compliant | Use As Is | 2012/1 | |
| ESC 2 | TBD | LETF Liquid Nitrogen Dewars | 2 | Nov-30 | Not Fully Compliant | Use As Is | 2012/1 | |
| ESC 3 | TBD | LETF Cryogenic System | 1 | Nov-30 | Not Fully Compliant | Use As Is | 2012/1 | |
| ESC 4 | TBD | LETF Vehicle Motion Simulator | 3 | Jan-31 | Not Fully Compliant | Use As Is | 2012/1 | |
| ESC 5 | TBD | LETF Water Flow Supply Tanks | 1 | Feb-31 | Not Fully Compliant | Use As Is | 2012/1 | |
| ESC 6 | TBD | LETF Water Flow System | 1 | Feb-31 | Not Fully Compliant | Use As Is | 2012/1 | |
| ESC 7 | TBD | LETF Water Flow GN2 Support Panel | 1 | Feb-31 | Not Fully Compliant | Use As Is | 2012/1 | |
| CAPPS 1 | TBD-BPVS 3091 | REGULATOR PANEL, HIGH PRESSURE, SAMPLING (1 EACH) | 1 | TBD | Not Fully Compliant | Use As Is | 2012/1 | |
| CAPPS 2 | TBD-BPVS 3092 | REGULATOR PANEL, HIGH PRESSURE , 82K07909 S70-1531-001 | 1 | TBD | Not Fully Compliant | Use As Is | 2012/1 | |
| ISC 3 | TBD-57-CAX | FIRE STATION #1 CAIR RECEIVER; DEVIL 1/3 HP | 1 | TBD | Not Fully Compliant | Use As Is | 2012/1 | |
| ISC 4 | KSCE-8244-0119 | HIGH PRESSURE GN2 CROSS-COUNTRY PIPELINE | 1 | Sep-12 | Not Fully Compliant | Use As Is | 2012/1 | |
| ISC 5 | TBD-101-CAX | HE 506-482, Heavy Equipment Compressed Air (Trailer) | 1 | TBD | Not Fully Compliant | Use As Is | 2012/1 | |
| ISC 6 | TBD-67-CAX | SPEEDAIRE 2HP COMPRESSOR | 1 | TBD | Not Fully Compliant | Use As Is | 2012/1 | |
| ISC 7 | KSC-8497 | CAIR RCVR TANK #2 AT CORROSION CTRL FAC | 1 | TBD | Not Fully Compliant | Use As Is | 2012/1 | |
| ISC 8 | KSC-10179 | ENGINEERING DEVELOPMENT LAB CAIR RECEIVER | 1 | TBD | Not Fully Compliant | Use As Is | 2012/1 | |
| ISC 9 | KSC-10186 | FIRE STATION #1 CAIR RECEIVER; INGERSOL RAND 2HP | 1 | TBD | Not Fully Compliant | Use As Is | 2012/1 | |
| ISC 10 | TBD-65-CAX | JOHNSON 1/3HP COMPRESSOR | 1 | TBD | Not Fully Compliant | Use As Is | 2012/1 | |
| ISC 11 | TBD-73-CAX | COMPRESSED AIR SYSTEM, AUACA111 | 1 | TBD | Not Fully Compliant | Use As Is | 2012/1 | |
| ISC 12 | TBD16 | SYSTEM, HYPERGOL VAPOR EXHAUST, OPF-1 &2 | 1 | TBD | Not Fully Compliant | Use As Is | 2012/1 | |
| ISC 13 | TBD17 | SYSTEM, HYPERGOL VAPOR EXHAUST, OPF-3 | 1 | TBD | Not Fully Compliant | Use As Is | 2012/1 | |
| ESC 8 | KSC-YA-5887 | 900 Gallon LN2 Tank | 1 | Sep-23 | Not Fully Compliant | Use As Is | 2012/2 | |
| ESC 9 | KSC-YA-6351 | 6000 Gallon LN2 Tank | 1 | Aug-23 | Not Fully Compliant | Use As Is | 2012/2 | |
| ESC 10 | KSC-YA-7922 | 5000 Gallon LN2 Tank | 1 | Oct-25 | Not Fully Compliant | Use As Is | 2012/2 | |
| ESC 11 | TBD-CTL-0001 | Simulated Propellant Loading System | 1 | TBD | Not Fully Compliant | Use As Is | 2012/2 | |
| ESC 12 | TBD-CTL-0013 | Cryogenics Lab Simulated Prop Loading Simulator Flight Tank | 1 | TBD | Not Fully Compliant | Use As Is | 2012/2 | |
| ESC 13 | TBD-CTL-0001A | Simulated Propellant Loading System GN2 Control Panel | 1 | TBD | Not Fully Compliant | Use As Is | 2012/2 | |
| ESC 14 | TBD | LETF Hydrostatic Test Bench | 1 | Feb-31 | Not Fully Compliant | Use As Is | 2012/2 | |
| ESC 15 | TBD | LETF Pneumatic Test (Calibration) Bench | 1 | Feb-31 | Not Fully Compliant | Use As Is | 2012/2 | |
| ISC 14 | TBD-VS-2 | MOBILE VAPOR SCRUBBER, OX, VS-2 | 1 | TBD | Not Fully Compliant | Use As Is | 2012/2 | |
| ISC 15 | KSCE-8244-0171 | VAB UTILITY ANNEX, UA CAIR VESSELS & RVS | 1 | To be released | Not Fully Compliant | Use As Is | 2012/2 | |
| ISC 16 | KSCE-8244-0116 | CCF PROPELLANT SERVICE AREAS GN2 SYSTEM | 1 | Feb-12 | Not Fully Compliant | Use As Is | 2012/2 | |
| ISC 17 | KSC-5500-10549 | FACILITY GN2 & AIR PURGE SYSTEMS, OPF-3 | 17 | Dec-12 | Not Fully Compliant | Use As Is | 2012/2 | |
| ISC 18 | TBD KSC-5500-10113 | COMPRESSED AIR, OPF-1/2 PRESSURE VESSEL SYSTEM CERT | 2 | TBD | Not Fully Compliant | Use As Is | 2012/2 | |
| SPOC 1 | KSCL-1792D-0620 | MPS LO2, SYSTEM, MLP-3 | 7 | Jun-11 | Not Fully Compliant | Use As Is | 2012/2 | |
| SPOC 2 | KSC-5500-10124 | COMPRESSED AIR, DFRF, PRESSURE VESSEL SYSTEM CERT | 2 | TBD | Not Fully Compliant | Use As Is | 2012/2 | |
| SPOC 3 | KSC-5500-10131 | COMPRESSED AIR, HOIST, PAD A, PRESSURE VESSEL SYSTEM CERT | 11 | TBD | Not Fully Compliant | Use As Is | 2012/2 | |
| SPOC 4 | KSC-5500-10133 | COMPRESSED AIR, HOIST, VAB, PRESSURE VESSEL SYSTEM CERT | 1 | TBD | Not Fully Compliant | Use As Is | 2012/2 | |
| SPOC 5 | KSC-5500-10134 | COMPRESSED AIR, ORBITER WEATHER PROTECTION, PAD A PRESSURE VESSEL SYSTEM CERT | 1 | TBD | Not Fully Compliant | Use As Is | 2012/2 | |
| SPOC 6 | KSCL-1792D-0231 | SRB SIDE FLAME DEFLECTORS, PAD B | 1 | Aug-07 | Not Fully Compliant | Decommission | 2012/2 | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |
| SPOC 7 | KSCL-1792C-0712 | SRB HYDRAULIC SUPPORT , MLP-3 | 4 | Nov-10 | Not Fully Compliant | Use As Is | 2012/2 | |
| SPOC 8 | KSCL-1792D-0621 | FUEL CELL GH2 SERVICING SYSTEM, MLP-3 | 2 | Nov-10 | Not Fully Compliant | Use As Is | 2012/2 | |
| SPOC 9 | KSCL-1792D-0622 | FUEL CELL GO2 SERVICING SYSTEM, MLP-3 | 2 | Nov-10 | Not Fully Compliant | Use As Is | 2012/2 | |
| SPOC 10 | KSCL-1792D-0711 | GN2/GHE PAYLOAD PURGE SYSTEM, MLP-3 | 2 | Jul-11 | Not Fully Compliant | Use As Is | 2012/2 | |
| ESC 16 | KSC-DM-3587 | LETF 600 ton Test Fixture | 1 | Feb-31 | Not Fully Compliant | Use As Is | 2012/3 | |
| ESC 17 | KSC-DM-3589 | LETF Hold Down Post Test Fixture | 1 | Feb-31 | Not Fully Compliant | Use As Is | 2012/3 | |
| ESC 18 | TBD | LETF Caulders Pneumatic Test Bench | 1 | TBD | Not Fully Compliant | Use As Is | 2012/3 | |
| ESC 19 | KSC-KT-9058 | CTL LN2 Distribution System | 1 | May-28 | Not Fully Compliant | Use As Is | 2012/3 | |
| ESC 20 | TBD-CTL-0004 | GN2 / GHe Charging Panel | 1 | TBD | Not Fully Compliant | Use As Is | 2012/3 | |
| ESC 21 | TBD-CTL-0005 | Residual Gas Analyzer | 1 | TBD | Not Fully Compliant | Use As Is | 2012/3 | |
| ESC 22 | TBD-CTL-0006 | Portable Pneumatic Regulation Panel | 1 | TBD | Not Fully Compliant | Use As Is | 2012/3 | |
| ESC 23 | TBD-CTL-0011 | Cryostats | 1 | TBD | Not Fully Compliant | Use As Is | 2012/3 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CAPPS 3 | TBD-BPVS 3073-1, -3, -4, -5, -6, -7, -8, -9 | PORTABLE PNEUMATIC PRESSURE REGULATOR UNIT ASSEMBLY<br>82K03732-2, -3, -4, -5<br>S70-1506 / 437.43 | 1 | TBD | Not Fully Compliant | Use As Is | 2012/3 | |
| CAPPS 4 | TBD-BPVS 3073-2, -10, -11 | PORTABLE PNEUMATIC PRESSURE REGULATOR UNIT ASSEMBLY<br>82K03732-1, -6<br>S70-1506 / 437.43 | 1 | TBD | Not Fully Compliant | Use As Is | 2012/3 | |
| CAPPS 5 | TBD-BPVS 3074 | PORTABLE PRESSURE REGULATOR UNIT ASSEMBLY<br>GS5-00114-001, -002, -003/ 580.1 | 1 | TBD | Immediate Action Required | Repair | 2012/3 | Currently out of service. Awaiting repair. |
| CAPPS 6 | TBD-BPVS 3079 | WORKSTAND AIR BEARING PALLET, SSPF, (3 EACH)<br>GX5-00023 | 1 | TBD | Not Fully Compliant | Use As Is | 2012/3 | |
| CAPPS 7 | TBD-BPVS 3080 | GSE AIR BEARING CASTER, SSPF (HEAVY DUTY) (1 EACH)<br>GX5-00025 | 1 | TBD | Not Fully Compliant | Use As Is | 2012/3 | |
| CAPPS 8 | TBD-BPVS 3094 | AIR COMPRESSOR, 80-GALLON, CAMPBELL HAUSFELD | 1 | TBD | Not Fully Compliant | Use As Is | 2012/3 | |
| ISC 19 | KSCE-8244-0139 | HANGAR AF GN2 STG AND DIST | 1 | Nov-12 | Not Fully Compliant | Decommission | 2012/3 | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |
| ISC 20 | KSCE-8244-0122 | LN2 DEWAR AT HPO2 FACILITY | 1 | Mar-13 | Not Fully Compliant | Use As Is | 2012/3 | |
| ISC 21 | BPVS 1142 | O&C ASTRONAUT FLIGHT CREW SUIT ROOM BREATHING AIR SYSTEM | 1 | Feb-13 | Not Fully Compliant | Use As Is | 2012/3 | |
| ISC 22 | BPVS 1143 | PHSF SCAPE BREATHING AIR SYSTEM | 1 | Jul-12 | Not Fully Compliant | Use As Is | 2012/3 | |
| ISC 23 | KSC-5500-10556 | FACILITY GHE SYSTEM, OPF-3 | 9 | Jun-12 | Not Fully Compliant | Use As Is | 2012/3 | |
| ISC 24 | KSCL-1792D-0626 | FACILITY GHE SYSTEM, MLP-3 | 2 | Feb-11 | Not Fully Compliant | Use As Is | 2012/3 | |
| ISC 25 | KSCL-1792D-0722 | FACILITY GN2 SYSTEM, MLP-3 | 4 | Feb-11 | Not Fully Compliant | Use As Is | 2012/3 | |
| SPOC 11 | KSCL-1792D-0148 | ENGINE TRANSPORT PLATFORM, LC-39B | 1 | Oct-07 | Not Fully Compliant | Decommission | 2012/3 | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |
| SPOC 12 | KSCL-1792D-0813 | SSME SHOP HYDRAULIC SYSTEM, VAB | 3 | Mar-12 | Not Fully Compliant | Use As Is | 2012/3 | |
| SPOC 13 | KSCL-1792C-0709 | ECLSS FREON COOL'T SYSTEM, MLP-3 | 1 | Oct-10 | Not Fully Compliant | Use As Is | 2012/3 | |
| SPOC 14 | KSCL-1792D-0707 | SSME GROUND SUPPORT, MLP-3 | 3 | Mar-11 | Not Fully Compliant | Use As Is | 2012/3 | |
| SPOC 15 | KSCL-1792D-0724 | SSME GSE PNEUMATIC SYSTEM, VAB | 2 | Mar-12 | Not Fully Compliant | Use As Is | 2012/3 | |
| SPOC 16 | KSCL-1792D-0108 | ECLSS CABIN LEAK CHECK , OPF 1&2 | 1 | Jun-12 | Not Fully Compliant | Use As Is | 2012/3 | |
| SPOC 17 | KSCL-1792D-0165 | MPS LH2 SYSTEM , LC-39A | 7 | Oct-18 | Not Fully Compliant | Use As Is | 2012/3 | |
| SPOC 18 | KSCL-1792D-0193 | FCSS LH2/GH2, OPF | 8 | Dec-12 | Not Fully Compliant | Use As Is | 2012/3 | |
| CAPPS 9 | TBD-BPVS 3081 | GSE AIR BEARING CASTER, SSPF (LIGHT DUTY) (1 EACH)<br>GX5-00220 | 1 | TBD | Not Fully Compliant | Use As Is | 2012/4 | |
| CAPPS 10 | TBD-BPVS 3086 | ORU MANIPULATOR; J & J MANUFACTURING, PART NO. PF375-MOD (1 EACH)<br>(M7-505) | 1 | TBD | Not Fully Compliant | Use As Is | 2012/4 | |
| CAPPS 11 | TBD-BPVS 3088 | PANEL AND FLOW METER FOR O2 AND MOISTURE METERS (1 EACH) | 1 | TBD | Not Fully Compliant | Use As Is | 2012/4 | |
| CAPPS 12 | TBD-BPVS 3089 | PANEL for FT-IR (1 EACH) | 1 | TBD | Not Fully Compliant | Use As Is | 2012/4 | |
| CAPPS 13 | TBD-BPVS 3090 | PANEL, LOW PRESSURE, SAMPLING (1 EACH) | 1 | TBD | Not Fully Compliant | Use As Is | 2012/4 | |
| ISC 26 | KSCE-8244-0118 | R21 (FREON) TRANSFER SYSTEM AT DRUM STG FAC | 1 | May-12 | Not Fully Compliant | Use As Is | 2012/4 | |
| ISC 27 | TBD-97-CAX | AIR COMPRESSOR OIL LESS ACCESS AC-6 KEY | 1 | TBD | Not Fully Compliant | Use As Is | 2012/4 | |
| ISC 28 | TBD-79-CAX | ENGINEERING DEVELOPMENT LAB CAIR RECEIVER; INGERSOL RAND 5HP | 1 | TBD | Not Fully Compliant | Use As Is | 2012/4 | |
| ISC 29 | KSCL-1792D-0203 | CABIN INTEGRITY CHECKOUT, PAD B | 7 | Aug-07 | Not Fully Compliant | Decommission | 2012/4 | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |
| SPOC 19 | KSCL-1792D-0164 | MPS LH2 SYSTEM , MLP-2 | 8 | Aug-18 | Not Fully Compliant | Use As Is | 2012/4 | |
| SPOC 20 | KSCL-1792D-0122 | APU HYDRA SERV SYST STOR FAC, PAD B | 1 | Oct-18 | Not Fully Compliant | Decommission | 2012/4 | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |
| SPOC 21 | KSCL-3234-0842 | ECLSS GO2/GN2 SERVICE SYSTEM, OPF-3 | 3 | Feb-13 | Not Fully Compliant | Use As Is | 2012/4 | |
| SPOC 22 | KSCL-1792D-0619 | MPS LH2, SYSTEM, MLP-3 | 7 | Nov-18 | Not Fully Compliant | Use As Is | 2012/4 | |
| SPOC 23 | KSCL-3234-1067 | SSME POST FLIGHT DRYING SYSTERM, VAB | 3 | Oct-14 | Not Fully Compliant | Use As Is | 2012/4 | |
| SPOC 24 | KSCL-1792D-0100 | FCSS LH2/GH2 SYSTEM , LC 39A | 7 | Aug-18 | Not Fully Compliant | Use As Is | 2012/4 | |
| SPOC 25 | KSCL-1792D-0169 | MPS LO2 SYSTEM , LC-39A | 3 | Nov-28 | Not Fully Compliant | Use As Is | 2012/4 | |
| SPOC 26 | KSCL-3234-0926 | ORBITER GN2 GAS CART STRUT/ TIRE PRESS., SLF/SLS/CLS | 5 | Aug-13 | Not Fully Compliant | Use As Is | 2012/4 | |
| SPOC 27 | KSCL-1792D-0196 | HYPERGOL MMH SAFING, OPF | 26 | Aug-18 | Not Fully Compliant | Use As Is | 2012/4 | |
| SPOC 28 | KSCL-3234-0841 | SSME GROUND SUPPORT, OPF-3 | 4 | Jan-13 | Not Fully Compliant | Use As Is | 2012/4 | |
| SPOC 29 | KSCL-1792D-0849 | ORBITER HYDRAULIC SUPPORT SYSTEM, MLP-3 | 3 | Mar-14 | Not Fully Compliant | Use As Is | 2012/4 | |
| CAPPS 14 | TBD-BPVS 3075 | ENTRAINED GAS DETECTION UNIT<br>A70-0685, S/N -002 | 1 | TBD | Not Fully Compliant | Use As Is | 2013/1 | |
| CAPPS 15 | TBD-BPVS 3093 | AIR COMPRESSOR, 20-GALLON, HUSKY | 1 | TBD | Not Fully Compliant | Use As Is | 2013/1 | |
| CAPPS 16 | TBD-BPVS 3095 | AIR COMPRESSOR, 3-GALLON, SPEEDAIRE 5Z598C, | 1 | TBD | Not Fully Compliant | Use As Is | 2013/1 | |
| ISC 30 | KSC-10163 | MOBILE VAPOR SCRUBBER, FUEL, VS-1 | 1 | TBD | Not Fully Compliant | Use As Is | 2013/1 | |
| ISC 31 | TBD-VS-3 | MOBILE VAPOR SCRUBBER, FUEL, VS-3 | 1 | TBD | Not Fully Compliant | Use As Is | 2013/1 | |
| ISC 32 | TBD-VS-4 | MOBILE VAPOR SCRUBBER, OX, VS-4 | 1 | TBD | Not Fully Compliant | Use As Is | 2013/1 | |
| ISC 33 | KSC-5500-11197 | FACILITY MISCELLANEOUS OXYGEN/BREATHING AIR SYSTEMS, CRCA | 12 | Feb-31 | Not Fully Compliant | Use As Is | 2013/1 | |
| ISC 34 | TBD KSC-5500-10114 | COMPRESSED AIR, VAB UTILITY ANNEX, PRESSURE VESSEL SYSTEM CERT | 2 | TBD | Not Fully Compliant | Use As Is | 2013/1 | |
| SPOC 30 | KSCL-1792D-0168 | MPS LO2 SYSTEM , MLP-2 | 7 | Nov-28 | Not Fully Compliant | Use As Is | 2013/1 | |
| SPOC 31 | KSCL-1792D-0105 | FCSS LO2/GO2 SYSTEM , LC 39A | 5 | Aug-18 | Not Fully Compliant | Use As Is | 2013/1 | |
| SPOC 32 | KSCL-1792D-0142 | FCSS LH2/GH2, MLP-2 | 3 | Sep-28 | Not Fully Compliant | Use As Is | 2013/1 | |
| SPOC 33 | KSCL-1792D-0197 | HYPERGOL N2O4 I186SAFING, OPF | 24 | Sep-28 | Not Fully Compliant | Use As Is | 2013/1 | |
| SPOC 34 | KSCL-1792D-0224 | SRB HYDRAZINE SERVICE, MLP | 2 | Jul-18 | Not Fully Compliant | Use As Is | 2013/1 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| SPOC 35 | KSCL-1792D-0227 | FUEL DESERVICING SYSTEM, DFRF | 9 | Oct-18 | Not Fully Compliant | Use As Is | 2013/1 | |
| CAPPS 17 | BPVS 3063-2 | HYPERGOL SPILL ASPIRATOR<br>FUEL: S70-1119-11 (1 EACH) | 1 | Jun-21 | Not Fully Compliant | Use As Is | 2013/2 | |
| CAPPS 18 | TBD-BPVS 3078 | COMPRESSED AIR UNIT, SELF-CONTAINED, UPRIGHT, 30-GALLON, COLEMAN<br>M7-458 | 2 | TBD | Not Fully Compliant | Use As Is | 2013/2 | |
| ISC 35 | KSC-6514 | MSU-601 | 1 | TBD | Not Fully Compliant | Use As Is | 2013/2 | |
| ISC 36 | KSC-6515 | MSU-602 | 1 | TBD | Not Fully Compliant | Use As Is | 2013/2 | |
| ISC 37 | KSC-6516 | MSU-603 | 1 | TBD | Not Fully Compliant | Use As Is | 2013/2 | |
| ISC 38 | BPVS 1063 | M7-1354; PHSF GHE VESSEL | 1 | Dec-14 | Not Fully Compliant | Use As Is | 2013/2 | |
| ISC 39 | TBD-83-CAX | AIR COMPRESSOR, SPARE | 1 | TBD | Immediate Action Required | Repair | 2013/2 | Currently out of service. Under repair. |
| ISC 40 | KSC-5500-10570 | FACILITY BREATHING AIR, OPF | 3 | Jan-14 | Not Fully Compliant | Use As Is | 2013/2 | |
| ISC 41 | KSC-5500-10583 | FACILITY WATER GN2 CNTRLS, LC-39B, MLP'S 2,3 | 15 | May-13 | Not Fully Compliant | Use As Is | 2013/2 | |
| ISC 42 | TBD KSC-5500-10115 | COMPRESSED AIR, VAB | 1 | TBD | Not Fully Compliant | Use As Is | 2013/2 | |
| ISC 43 | TBD KSC-5500-10116 | COMPRESSED AIR, MLP-1/2/3, PRESSURE VESSEL SYSTEM CERT | 1 | TBD | Not Fully Compliant | Use As Is | 2013/2 | |
| ISC 44 | TBD KSC-5500-10117 | COMPRESSED AIR, PUMP STATION (LC39), PRESSURE VESSEL SYS CERT | 2 | TBD | Not Fully Compliant | Use As Is | 2013/2 | |
| ISC 45 | TBD KSC-5500-10119 | COMPRESSED AIR, PAD A OPS BLDG, PRESSURE VESSEL SYSTEM CERT (PMN K60-3065) | 1 | TBD | Not Fully Compliant | Use As Is | 2013/2 | |
| ISC 46 | TBD KSC-5500-10120 | COMPRESSED AIR, PAD B OPS BLDG, PRESSURE VESSEL SYSTEM CERT | 1 | TBD | Not Fully Compliant | Use As Is | 2013/2 | |
| ISC 47 | TBD KSC-5500-10121 | COMPRESSED AIR, PAD A, PRESSURE VESSEL SYSTEM CERT | 4 | TBD | Not Fully Compliant | Use As Is | 2013/2 | |
| ISC 48 | TBD KSC-5500-10122 | COMPRESSED AIR, PAD B, PRESSURE VESSEL SYSTEM CERT<br>COMPRESSORS, PORTABLE, PAD B, PRESSURE VESSEL SYSTEM CERT | 5 | TBD | Not Fully Compliant | Use As Is | 2013/2 | |
| ISC 49 | TBD KSC-5500-10123 | COMPRESSORS, PORTABLE, PAD A, PRESSURE VESSEL SYSTEM CERT | 1 | TBD | Not Fully Compliant | Use As Is | 2013/2 | |
| SPOC 36 | KSCL-1792D-0223 | PRSD AND MPS SAFING VENT SYSTEM, SLF | 6 | Oct-28 | Not Fully Compliant | Use As Is | 2013/2 | |
| SPOC 37 | KSCL-1792D-0301 | APS N2O4, SERVICING, R.H., HMF | 18 | Nov-18 | Not Fully Compliant | Use As Is | 2013/2 | |
| SPOC 38 | KSCL-1792D-0260 | FUEL CELL/MPS DESERVICING SYSTEM, DFRF | 12 | Oct-28 | Not Fully Compliant | Use As Is | 2013/2 | |
| SPOC 39 | KSCL-1792D-0121 | APU HYDRA SERV SYST STOR FAC, PAD-A | 2 | Aug-28 | Not Fully Compliant | Use As Is | 2013/2 | |
| SPOC 40 | KSCL-1792D-0141 | FCSS LO2/GO2, MLP-2 | 3 | Sep-28 | Not Fully Compliant | Use As Is | 2013/2 | |
| ESC 24 | KSC-KT-9056 | CTL GN2 Distribution System | 1 | May-28 | Not Fully Compliant | Use As Is | 2013/3 | |
| ESC 25 | KSC-KT-9057 | CTL GHe Distribution System | 1 | May-28 | Not Fully Compliant | Use As Is | 2013/3 | |
| ESC 26 | TBD-CTL-0003 | 33000 Gallon LH2 Tank | 1 | TBD | Not Fully Compliant | Use As Is | 2013/3 | Currently out of service, needs to be certified prior to use |
| ESC 27 | TBD-CTL-0013 | Cryofab Dewar | 1 | TBD | Not Fully Compliant | Use As Is | 2013/3 | |
| ESC 28 | TBD-CTL-0012 | Facility Vacuum System | 1 | TBD | Not Fully Compliant | Use As Is | 2013/3 | |
| CAPPS 19 | TBD-BPVS 3087 | MODULE RACK SIMULATOR, SSPF (2 EACH)<br>SR2-20170 | 1 | TBD | Not Fully Compliant | Use As Is | 2013/3 | |
| ISC 50 | TBD-107-CAX | Asset# PM-ACA-004, WORTHINGTON, 42 cfm/10hp | 1 | TBD | Not Fully Compliant | Use As Is | 2013/3 | |
| ISC 51 | TBD-FLPPRP21 | PORTABLE PRESSURE REDUCING PANEL FLPPRP21 | 1 | TBD | Not Fully Compliant | Use As Is | 2013/3 | |
| ISC 52 | TBD-FLPPRP22 | PORTABLE PRESSURE REDUCING PANEL FLPPRP22 | 1 | TBD | Not Fully Compliant | Use As Is | 2013/3 | |
| ISC 53 | KSC-9450 | LIFE SUPPORT BAIR SUPPLY SYSTEM | 1 | Jun-14 | Fully Compliant | No Action Required | 2013/3 | |
| ISC 54 | KSC-5500-10584 | FACILITY WATER GN2 CNTRLS, PAD & MLP-1 | 8 | May-13 | Not Fully Compliant | Use As Is | 2013/3 | |
| ISC 55 | TBD KSC-5500-10124 | COMPRESSED AIR, DFRF, PRESSURE VESSEL SYSTEM CERT | 2 | TBD | Not Fully Compliant | Use As Is | 2013/3 | |
| ISC 56 | TBD KSC-5500-10127 | COMPRESSED AIR, HMF SUPPORT BLDG #2, PRESSURE VESSEL SYSTEM CERT (PMN K61-6134) | 1 | TBD | Not Fully Compliant | Use As Is | 2013/3 | |
| ISC 57 | TBD KSC-5500-10128 | COMPRESSED AIR, HMF NORTH, PRESSURE VESSEL SYSTEM CERT | 1 | TBD | Not Fully Compliant | Use As Is | 2013/3 | |
| ISC 58 | TBD KSC-5500-10129 | COMPRESSED AIR, HMF SOUTH, PRESSURE VESSEL SYSTEM CERT | 1 | TBD | Not Fully Compliant | Use As Is | 2013/3 | |
| SPOC 41 | KSCL-1792D-0139 | ECLSS FREON COOLANT SYS. , MLP-2 | 1 | Oct-16 | Not Fully Compliant | Use As Is | 2013/3 | |
| SPOC 42 | KSCL-3233-0793 | ECLSS GROUND COOLANT SYSTEM, OPF-3 | 7 | Aug-14 | Not Fully Compliant | Use As Is | 2013/3 | |
| SPOC 43 | KSCL-1792D-0189 | APS FUEL SERVICING SYSTEM - L.H. (WEST TEST CELL), HMF | 18 | Dec-28 | Not Fully Compliant | Use As Is | 2013/3 | |
| SPOC 44 | KSCL-1792D-0190 | APS OXID SERVICING SYSTEM, - L.H. (WEST TEST CELL), HMF | 19 | Dec-28 | Not Fully Compliant | Use As Is | 2013/3 | |
| SPOC 45 | KSCL-1792D-0233 | ORBITER MID-BODY UMBILICAL UNIT, PAD A | 1 | Nov-28 | Not Fully Compliant | Use As Is | 2013/3 | |
| SPOC 46 | KSCL-1792D-0244 | CRAWLER TRANSPORTER #1 | 6 | Jul-28 | Not Fully Compliant | Use As Is | 2013/3 | |
| CAPPS 20 | BPVS 1233-1 | PHSF HYPERGOL VAPOR SCRUBBER FUEL SYSTEM<br>S70-1094-F1 (SCRUBBER)<br>S70-1341 (LIQ. SEP.) | 2 | Dec-16 | Not Fully Compliant | Use As Is | 2013/4 | |
| ISC 59 | KSCE-8244-0167 | FIRE TRAINING AREA BAIR SYSTEM | 1 | Jan-14 | Not Fully Compliant | Use As Is | 2013/4 | |
| ISC 60 | KSC-7891 | CIF PNEUMATIC TEST & CAL PANELS | 1 | TBD | Not Fully Compliant | Use As Is | 2013/4 | |
| ISC 61 | KSC-5500-10509 | FACILITY GHE SYSTEM, VAB | 5 | Jan-16 | Not Fully Compliant | Use As Is | 2013/4 | |
| SPOC 47 | KSCL-1792D-0245 | CRAWLER TRANSPORTER #2 | 6 | Dec-28 | Not Fully Compliant | Use As Is | 2013/4 | |
| SPOC 48 | KSCL-1792D-0194 | FCSS LO2/GO2, OPF | 9 | Sep-28 | Not Fully Compliant | Use As Is | 2013/4 | |
| SPOC 49 | KSCL-1792D-0157 | ORBITER ACCESS ARM HYD. , LC-39A | 1 | Jul-28 | Not Fully Compliant | Use As Is | 2013/4 | |
| SPOC 50 | KSCL-1792D-0217 | OXIDIZER DESERVICING SYSTEM, DFRF | 9 | Oct-28 | Not Fully Compliant | Use As Is | 2013/4 | |
| SPOC 51 | KSCL-1792D-0159 | AMBIENT BTL FILL SYS. GHE, SLS1, DFRF, EDWARDS AF | 2 | Sep-28 | Not Fully Compliant | Use As Is | 2013/4 | |
| SPOC 52 | KSCL-1792D-0294 | FRCS MMH SERVICING, HMF | 10 | Dec-18 | Not Fully Compliant | Use As Is | 2013/4 | |
| CAPPS 21 | BPVS 3056 | VCF AMMONIA SERVICING SYSTEM<br>GS5-00421 / 580.23 | 1 | May-22 | Not Fully Compliant | Use As Is | 2014/1 | |
| CAPPS 22 | BPVS 3063-3 | HYPERGOL SPILL ASPIRATOR<br>OX:IDIZER; S70-1119-10 (1 EACH) | 1 | Jun-21 | Not Fully Compliant | Use As Is | 2014/1 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ISC 62 | KSC-10172 | LAUNCH EQUIP TEST FACILITY, CAIR RCVR | 1 | TBD | Not Fully Compliant | Use As Is | 2014/1 | |
| SPOC 53 | KSCL-1792D-0295 | FRCS N2O4, SERVICING, HMF | 11 | Dec-28 | Not Fully Compliant | Use As Is | 2014/1 | |
| SPOC 54 | KSCL-1792D-0300 | APS MMH SERVICING, R.H., HMF | 19 | Dec-28 | Not Fully Compliant | Use As Is | 2014/1 | |
| SPOC 55 | KSCL-1792D-0113 | LOA HYD. SUP. CHAR. SYS. , LC-39A | 2 | Jul-28 | Not Fully Compliant | Use As Is | 2014/1 | |
| SPOC 56 | KSCL-1792D-0156 | ET GH2 VENT ARM HYD. SYS., LC-39A | 3 | Jul-28 | Not Fully Compliant | Use As Is | 2014/1 | |
| SPOC 57 | KSCL-1792D-0281 | HYDRAZINE SERVICING SYSTEM, OPF | 6 | Dec-28 | Not Fully Compliant | Use As Is | 2014/1 | |
| SPOC 58 | KSCL-1792D-0175 | ORBITER HYDRAULIC SUPPORT, MLP-2 | 7 | Jul-28 | Not Fully Compliant | Use As Is | 2014/1 | |
| CAPPS 23 | BPVS 3032 | SSPF NH3 SUPPLY CART<br>GS5-00421-002 / 580.23 | 1 | Apr-16 | Not Fully Compliant | Use As Is | 2014/2 | |
| ISC 63 | KSC-6517 | MSU-604 | 1 | TBD | Not Fully Compliant | Use As Is | 2014/2 | |
| ISC 64 | KSC-6518 | MSU-605 | 1 | TBD | Not Fully Compliant | Use As Is | 2014/2 | |
| ISC 65 | KSC-6519 | MSU-606 | 1 | TBD | Not Fully Compliant | Use As Is | 2014/2 | |
| ISC 66 | KSC-6520 | MSU-607 | 1 | TBD | Not Fully Compliant | Use As Is | 2014/2 | |
| ISC 67 | KSC-6405 | MSU-501 | 1 | TBD | Not Fully Compliant | Use As Is | 2014/2 | |
| ISC 68 | KSC-5500-10540 | BREATHING AIR, OPF-3 | 3 | Aug-14 | Not Fully Compliant | Use As Is | 2014/2 | |
| SPOC 59 | KSCL-1792D-0177 | SRB HYDRAULIC SUPP. SYS. , MLP-2 | 4 | Jul-28 | Not Fully Compliant | Use As Is | 2014/2 | |
| SPOC 60 | KSCL-1792D-0241 | SSME SERVICING AND ACCESS PLATFORM, MLP | 1 | Jul-28 | Not Fully Compliant | Use As Is | 2014/2 | |
| SPOC 61 | KSCL-1792D-0195 | ORBITER HYDRAULIC SUPPORT, OPF | 11 | May-28 | Not Fully Compliant | Use As Is | 2014/2 | |
| SPOC 62 | KSCL-1792D-0222 | SLF LANDING GEAR SERVICING SYSTEM, SLF/VAB | 1 | Jun-28 | Not Fully Compliant | Use As Is | 2014/2 | |
| SPOC 63 | KSCL-1792D-0158 | ET GOX VENT ARM SYSTEM , LC-39A | 1 | Aug-28 | Not Fully Compliant | Use As Is | 2014/2 | |
| SPOC 64 | KSCL-1792D-0186 | ET CELL, VAB | 9 | Jan-29 | Not Fully Compliant | Use As Is | 2014/2 | |
| SPOC 65 | KSCL-1792D-0262 | SSME PURGE GN2 & GHE SYSTEM, DFRF | 5 | Dec-28 | Not Fully Compliant | Use As Is | 2014/2 | |
| SPOC 66 | KSCL-1792D-0111 | LOA HYD. SUP. CHAR. SYS. , LC-39B | 2 | Nov-28 | Not Fully Compliant | Decommission | 2014/2 | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |
| SPOC 67 | KSCL-1792D-0144 | HYD SUPPORT SYS. PORTABLE, MLP/OPF | 2 | Jun-28 | Not Fully Compliant | Use As Is | 2014/2 | |
| SPOC 68 | KSCL-1792D-0154 | ENVIR. CONTR SYS. PURGING, LC-39A | 1 | Aug-28 | Not Fully Compliant | Use As Is | 2014/2 | |
| SPOC 69 | KSCL-5600-5630 | PNEUMATIC SYSTEM, SSMEPF | 7 | Feb-22 | Not Fully Compliant | Use As Is | 2014/2 | |
| ESC 29 | KSC-KT-9055 | 4000 Liter LHe Dewar | 1 | May-28 | Not Fully Compliant | Use As Is | 2014/3 | |
| ESC 30 | TBD-CTL-0002 | CESAT Tank | 1 | TBD | Not Fully Compliant | Use As Is | 2014/3 | |
| ESC 31 | TBD-CTL-0007 | Cryocooler | 1 | TBD | Not Fully Compliant | Use As Is | 2014/3 | |
| ESC 32 | TBD-CTL-0008 | Shop Air / Compresser | 1 | TBD | Not Fully Compliant | Use As Is | 2014/3 | |
| ESC 33 | TBD-CTL-0009 | Pipe Tester | 1 | TBD | Not Fully Compliant | Use As Is | 2014/3 | |
| ESC 34 | TBD-CTL-0010 | Integrated Refrigeration and Storage Vessel | 1 | TBD | Not Fully Compliant | Use As Is | 2014/3 | Currently out of service, needs to be certified prior to use |
| CAPPS 24 | BPVS 1233-2 | PHSF HYPERGOL VAPOR SCRUBBER OXIDIZER SYSTEM<br>S70-1095-E1 (SCRUBBER)<br>S70-1342 (LIQ. SEP.) | 2 | Dec-16 | Not Fully Compliant | Use As Is | 2014/3 | |
| CAPPS 25 | BPVS 3065 | SSPF GN2/GHe/NH3 LOAD PANEL ASSEMBLY<br>GS5-00421-10 / 580.23 | 1 | Mar-24 | Not Fully Compliant | Use As Is | 2014/3 | |
| CAPPS 26 | BPVS 3072 | ELV SPACECRAFT PRESSURIZATION AND VACUUM PANEL<br>S66-0001 / 820.00 | 1 | Nov-27 | Not Fully Compliant | Use As Is | 2014/3 | |
| ISC 69 | KSC-8498 | CAIR RCVR TANK #3 AT CORROSION CTRL FAC | 1 | TBD | Not Fully Compliant | Use As Is | 2014/3 | |
| ISC 70 | TBD-99-CAX | Sandblast Vessel at M6-1627 Corr. Ctrl. Ransom Rd. | 1 | TBD | Not Fully Compliant | Use As Is | 2014/3 | |
| ISC 71 | TBD-75-CAX | AIR COMPRESSOR, PORTABLE, OIL FREE W/ AIR DRYER AND TANK | 1 | TBD | Not Fully Compliant | Use As Is | 2014/3 | |
| ISC 72 | KSC-TBD-IOZ-GHE | M7-0355; O&C FACILITY SUPPLY GHE SYSTEM - IOZ | 1 | TBD | Not Fully Compliant | Use As Is | 2014/3 | |
| ISC 73 | KSC-TBD-IOZ-GN2 | M7-0355; O&C FACILITY SUPPLY GN2 SYSTEM - IOZ | 1 | TBD | Not Fully Compliant | Use As Is | 2014/3 | |
| ISC 74 | TBD-07-IRU | IRON REMOVAL UNIT, IR-3 | 1 | TBD | Not Fully Compliant | Use As Is | 2014/3 | |
| SPOC 70 | KSCL-1792D-0230 | SRB SIDE FLAME DEFLECTORS, PAD A | 1 | Jul-28 | Not Fully Compliant | Use As Is | 2014/3 | |
| SPOC 71 | KSCL-1792D-0107 | ECLSS GO2/GN2 SYSTEM , OPF 1& 2 | 4 | Apr-28 | Not Fully Compliant | Use As Is | 2014/3 | |
| SPOC 72 | KSCL-5600-5631 | HYDRAULIC SYSTEM, SSMEPF | 4 | Feb-22 | Not Fully Compliant | Use As Is | 2014/3 | |
| SPOC 73 | KSCL-1792D-0179 | SSME GROUND SUPPORT, MLP-2 | 7 | Sep-28 | Not Fully Compliant | Use As Is | 2014/3 | |
| SPOC 74 | KSCL-1792D-0235 | PAYLOAD HANDLING EQUIPMENT, PAD A | 1 | Jul-28 | Not Fully Compliant | Use As Is | 2014/3 | |
| SPOC 75 | KSCL-1792D-0246 | ET/SRB MATING & INSTALLATION KIT, VAB | 1 | Jun-28 | Not Fully Compliant | Use As Is | 2014/3 | |
| SPOC 76 | KSCL-1792D-0120 | GN2/GHE/AIR PL PURGE SYS., MLP-2 | 2 | Aug-28 | Not Fully Compliant | Use As Is | 2014/3 | |
| CAPPS 27 | BPVS 3054 | ISS PORTABLE FIRE EXTINGUISHER (PFE) FILL CART<br>U70-1104 / 225.07 | 1 | Dec-19 | Not Fully Compliant | Use As Is | 2014/4 | |
| CAPPS 28 | BPVS 3063-1 | HYPERGOL SPILL ASPIRATOR<br>FUEL: S70-1119-07 (1 EACH) | 1 | Jun-21 | Not Fully Compliant | Use As Is | 2014/4 | |
| ISC 75 | KSC-10167 | HEATING PLANT HIGH TEMPERATURE WATER BOILER | 1 | TBD | Not Fully Compliant | Use As Is | 2014/4 | |
| ISC 76 | KSC-8496 | CAIR RCVR TANK #1 AT CORROSION CTRL FAC | 1 | TBD | Not Fully Compliant | Use As Is | 2014/4 | |
| ISC 77 | TBD-96-CAX | COMPRESSED AIR SYSTEM, SB801012 | 1 | TBD | Not Fully Compliant | Use As Is | 2014/4 | |
| ISC 78 | BPVS 1221 | SSPF GHE PRESSURE VESSEL | 1 | Feb-14 | Not Fully Compliant | Use As Is | 2014/4 | |
| ISC 79 | KSC-5500-10480 | FACILITY GHE SYSTEM , LC-39A | 5 | Jul-28 | Not Fully Compliant | Use As Is | 2014/4 | |
| SPOC 77 | KSCL-1792D-0185 | STE/MONITOR PANEL LANDING GEAR SHOCK, DFRF | 1 | Aug-28 | Not Fully Compliant | Use As Is | 2014/4 | |
| SPOC 78 | KSCL-1792D-0232 | PORTABLE REGULATION PANEL, MBMR | 8 | Jul-28 | Not Fully Compliant | Use As Is | 2014/4 | |
| SPOC 79 | KSCL-1792D-0134 | ECLSS FREON COOLANT SYS. , PAD 39-A | 10 | Jul-28 | Not Fully Compliant | Use As Is | 2014/4 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| SPOC 80 | KSCL-1792D-0137 | ECLSS FREON COOLANT SYS. , LC-39B | 11 | Nov-28 | Not Fully Compliant | Decommission | 2014/4 | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |
| SPOC 81 | KSCL-1792D-0243 | SRM TRANSPORTERS, #2 & #3 | 3 | Dec-28 | Not Fully Compliant | Use As Is | 2014/4 | |
| CAPPS 29 | BPVS 3061 | ISS PORTABLE FIRE EXTINGUISHER (PFE) TANK U70-1104 / 225.07 | 1 | May-21 or at 100 CYCLES | Not Fully Compliant | Use As Is | 2015/1 | |
| CAPPS 30 | BPVS 1178 | SCRUBBER, FUEL VAPOR, SAEF-2 (5 SCRUBBER VESSELS )<br>S70-1094-D1 / 557.00 | 1 | May-10 | Not Fully Compliant | Use As Is | 2015/1 | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |
| ISC 80 | TBD-45-CAX | AIR COMPRESSOR, RECIP, M6-0495 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 81 | KSCE-8244-0202 | CRCA 14K GN2 SYSTEM | 1 | Jul-19 | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 82 | KSCE-8244-0205 | CRCA 8.5K GN2 SYSTEM | 1 | Jul-17 | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 83 | KSC-9037 | RCVR VESSELS FOR TESTING MOBILE GHE COMPRESSORS MSU-304 | 1 | Oct-27 | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 84 | MDCY 3020 | SSPF GO2 AND BAIR PURGE SYSTEM | 1 | Aug-15 | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 85 | TBD-63-CAX | AIR COMPRESSOR , HE503086 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 86 | TBD-70-CAX | AIR COMPRESSOR, RECIP | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 87 | KSC-10177 | PROTOTYPE SHOP C & RCVR, SCREW, QUINCY | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 88 | TBD-37-CAX | AIR COMPRESSOR, PORTABLE | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 89 | TBD-90-CAX | AIR COMPRESSOR, ROTARY SCREW, KAESER | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 90 | KSC-8499 | COMPRESSOR, AIR, ABRASIVE BLAST | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 91 | KSC-10184 | VAB UA CONDENSER WATER TREATMENT CAIR RCVR | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 92 | TBD-36-CAX | LOCOMOTIVE MAINTENANCE FACILITY - AIR COMPRESSOR, S/N BP-048, WORTHINGTON | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 93 | TBD-39-CAX | CONVERTER COMPRESSOR FACILITY CAIR RECEIVER K7-0468 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 94 | TBD-64-CAX | CURTIS 3HP COMPRESSOR | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 95 | TBD-72-CAX | COMPRESSED AIR SYSTEM, AUACA012 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 96 | TBD-82-CAX | COMPRESSED AIR SYSTEM, SB801005 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 97 | TBD-89-CAX | AIR COMPRESSOR, ROTARY SCREW, SULLAIR | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 98 | TBD-95-CAX | COMPRESSED AIR SYSTEM, SB801007 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 99 | KSC-10213 | CT&FF CAIR RECEIVER, AIR COMPRESSOR | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 100 | KSC-10181 | CT&FF CAIR RECEIVER; | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 101 | TBD-91-CAX | AIR COMPRESSOR,, UNKNOWN | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 102 | KSC-5500-10152 | OPF PUMPHOUSE COMPRESSED AIR SYSTEM PVSC | 1 | Aug-15 | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 103 | TBD KSC-5500-10130 | COMPRESSED AIR, MLP PARKSITE PRESSURE VESSEL SYSTEM CERT | 3 | Sep-11 | Immediate Action Required | Replace | 2015/1 | Currently out of service. Awaiting replacement. |
| ISC 104 | TBD KSC-5500-10131 | COMPRESSED AIR, HOIST, PAD A, PRESSURE VESSEL SYSTEM CERT | 11 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 105 | TBD KSC-5500-10132 | COMPRESSED AIR, HOIST, PAD B, PRESSURE VESSEL SYSTEM CERT | 10 | TBD | Not Fully Compliant | Decommission | 2015/1 | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |
| ISC 106 | TBD KSC-5500-10134 | COMPRESSED AIR, ORBITER WEATHER PROTECTION, PAD A PRESSURE VESSEL SYSTEM CERT | 1 | TBD | Not Fully Compliant | Use As Is | 2015/1 | |
| ISC 107 | TBD KSC-5500-10149 | COMPRESSED AIR , ORDNANCE BLDG #2, PRESSURE VESSEL SYSTEM CERT | 1 | Nov-12 | Fully Compliant | No Action Required | 2015/1 | |
| ISC 108 | TBD KSC-5500-10153 | COMPRESSORS, PORTABLE, PRESSURE VESSEL SYSTEM CERT | 14 | May-11 | Fully Compliant | No Action Required | 2015/1 | |
| SPOC 82 | KSCL-1792D-0215 | HYDRAULIC WATER SPRAY BOILER, OPF & PAD | 3 | Jul-28 | Not Fully Compliant | Use As Is | 2015/1 | |
| SPOC 83 | KSC-5500-10618 | ECLSS FLIGHT FREON 21SERVICING SYSTEM, OPF | 3 | Apr-28 | Not Fully Compliant | Use As Is | 2015/1 | |
| SPOC 84 | KSCL-1792D-0133 | ECLSS FREON COOLANT SYS. , OPF | 6 | Jul-28 | Not Fully Compliant | Use As Is | 2015/1 | |
| SPOC 85 | KSCL-1792D-0210 | ECLSS COOLANT WATER SERVICING SYSTEM, OPF | 1 | Jun-28 | Not Fully Compliant | Use As Is | 2015/1 | |
| SPOC 86 | KSCL-1792D-0218 | OME TRICKLE PURGE, MLP-1, MLP-2, MLP-3 | 3 | Sep-28 | Not Fully Compliant | Use As Is | 2015/1 | |
| CAPPS 31 | BPVS 3049-2 | SSPF NH3 SUPPLY CART<br>GS5-00421-002 / 580.23<br>WUC S1GAMAB001<br>VESSEL #870596-1B | 1 | Apr-16 | Not Fully Compliant | Use As Is | 2015/2 | |
| CAPPS 32 | BPVS 1178 | SCRUBBER, OXIDIZER VAPOR, FROM SAEF-2 (5 SCRUBBER VESSELS<br>S70-1095-D1 / 557.00 | 1 | Mar-10 | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 109 | BPVS 3051 | SSPF BREATHING AIR PURGE SYSTEM | 1 | Aug-15 | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 110 | KSC-10204 | CENTRAL SUPPLY CAIR RECEIVER | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 111 | KSC-10185 | POWER STATION CAIR RECEIVER | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 112 | KSC-10207 | COMPRESSED AIR SHOP COMPRESSED AIR RECEIVER; NEW CERTIFICATION; PREVIOUSLY EXCLUDED; | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 113 | KSC-10216 | TRAINING AUDITORIUM CAIR RECEIVER | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 114 | KSC-8505 | HYPERGOLIC OXIDIZER FAC GN2 HEATER PANEL | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 115 | KSC-10175 | SECURITY TRAINING CENTER CAIR RECEIVER | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 116 | KSC-10176 | ROADS & GROUNDS MAINT #3, CAIR RECEIVER | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 117 | KSC-10180 | LOW PRESSURE GN2 AT METERING STATION | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 118 | KSC-10191 | PAD B OPS BLDG CAIR RECEIVER | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 119 | TBD-102-CAX | HE 905-112, Heavy Equipment Compressed Air (Trailer) | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 120 | TBD-FLOPPRP1 | PORTABLE PRESSURE REDUCING PANEL FLOPPRP1 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 121 | TBD-FLOPPRP2 | PORTABLE PRESSURE REDUCING PANEL FLOPPRP2 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 122 | TBD-FLOPPRP3 | PORTABLE PRESSURE REDUCING PANEL FLOPPRP3 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 123 | TBD-FLOPPRP4 | PORTABLE PRESSURE REDUCING PANEL FLOPPRP4 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 124 | TBD-FLOPPRP5 | PORTABLE PRESSURE REDUCING PANEL FLOPPRP5 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ISC 125 | TBD-FLPPRP101 | PORTABLE PRESSURE REDUCING PANEL FLPPRP101 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 126 | KSC-8504 | HYPERGOL OXIDIZER FAC GHE | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 127 | TBD-100-CAX | Sandblast Vessel at M6-1625 Corr. Ctrl. Ransom Rd. | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 128 | TBD KSC-5500-10133 | COMPRESSED AIR, HOIST, VAB, PRESSURE VESSEL SYSTEM CERT | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 129 | TBD KSC-5500-10136 | COMPRESSED AIR, LOG FACILITY SHOP, PRESSURE VESSEL SYSTEM CERT | 1 | Sep-15 | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 130 | TBD KSC-5500-10137 | COMPRESSED AIR, ORDNANCE LAB #1, PRESSURE VESSEL SYSTEM CERT (PMN K60-3071) | 1 | Nov-12 | Fully Compliant | No Action Required | 2015/2 | |
| ISC 131 | TBD KSC-5500-10142 | COMPRESSED AIR, CRCA, PRESSURE VESSEL SYSTEM CERT | 5 | Oct-15 | Fully Compliant | No Action Required | 2015/2 | |
| ISC 132 | TBD KSC-5500-10146 | COMPRESSED AIR, TPS FACILITY, PRESSURE VESSEL SYSTEM CERT | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| ISC 133 | TBD KSC-5500-10148 | COMPRESSED AIR, PCC, PRESSURE VESSEL SYSTEM CERT | 1 | Oct-15 | Fully Compliant | No Action Required | 2015/2 | |
| ISC 134 | TBD09 | PANEL, GN2 PURGE, MSBLS | 1 | TBD | Not Fully Compliant | Use As Is | 2015/2 | |
| SPOC 87 | KSCL-1792D-0198 | SSME GROUND SUPPORT, OPF | 5 | Nov-28 | Not Fully Compliant | Use As Is | 2015/2 | |
| SPOC 88 | KSCL-1792D-0132 | ECLSS FREON COOLANT SYS. , VAB | 7 | Jun-28 | Not Fully Compliant | Use As Is | 2015/2 | |
| SPOC 89 | KSCL-1792D-0106 | AMMONIA SERVICING STATION, OPF | 5 | Jan-28 | Not Fully Compliant | Use As Is | 2015/2 | |
| SPOC 90 | KSCL-1792D-0238 | ORBITER MAIN ACCESS PLATFORM, OPF | 1 | Jul-28 | Not Fully Compliant | Use As Is | 2015/2 | |
| SPOC 91 | KSCL-1792D-0212 | ECLSS LEACK AND FUNCTIONAL CHECKOUT SYSTEM, OPF | 2 | Apr-28 | Not Fully Compliant | Use As Is | 2015/2 | |
| CAPPS 33 | MDCY 3049-1 | SSPF NH3 SUPPLY CART<br>GS5-00421-002 / 580.23 | 1 | Sep-01 | Not Fully Compliant | Decommission | 2015/3 | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |
| ISC 135 | TBD-05-HFC | HYPERGOL CHILLER, HC-1 (HYPERGOL FUEL - A50) | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 136 | TBD-06-OFC | HYPERGOL CHILLER, HC-2 (HYPERGOL OXYDIZER) | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 137 | KSC-10188 | MAINTENANCE SHOP CAIR RECEIVER | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 138 | KSC-10195 | PROP NORTH MAINTENANCE CAIR RECEIVER | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 139 | KSC-10201 | VEHICLE MAINTENANCE CAIR RECEIVER | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 140 | TBD-34-CAX | AIR COMPRESSOR, RECIP, QUINCY 7.5HP, BLDG. K6-1446 HVC | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 141 | TBD-87-CAX | COMPRESSED AIR SYSTEM, S2801002 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 142 | BPVS 1225 | SSPF FACILITY GN2 SYSTEM | 1 | May-15 | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 143 | BPVS 1226 | SSPF FACILITY GHE SYSTEM | 1 | May-15 | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 144 | TBD-FLPPRP102 | PORTABLE PRESSURE REDUCING PANEL FLPPRP102 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 145 | TBD-31-CAX | FIRE STATION #2, CAIR RECEIVER | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 146 | TBD-71-CAX | AIR COMPRESSOR,G8CO1001 HE Trailer | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 147 | KSC-10206 | WASTE WATER TREATMENT FACILITY CAIR RCVR | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 148 | TBD-69-CAX | SPEEDAIRE 2HP COMPRESSOR | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 149 | KSC-8502 | HYPERGOL FUEL TANKER STORAGE, GHE PNL | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 150 | KSC-8503 | HYPERGOL FUEL TANKER STORAGE GN2 PANEL | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 151 | KSC-11362 | PORTABLE PRESSURE REDUCING PANEL FLPPRP03<br>81K01872 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 152 | KSC-11365 | PORTABLE PRESSURE REDUCING PANEL FLPPRP13<br>81K01872 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 153 | TBD-FLPPRP06 | PORTABLE PRESSURE REDUCING PANEL FLPPRP06 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 154 | TBD-FLPPRP27 | PORTABLE PRESSURE REDUCING PANEL FLPPRP27 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 155 | TBD-FLPPRP28 | PORTABLE PRESSURE REDUCING PANEL FLPPRP28 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 156 | TBD KSC-5500-10126 | COMPRESSED AIR, HMF FIREX PUMP HOUSE, M7-1362 | 2 | Nov-20 | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 157 | TBD KSC-5500-10140 | COMPRESSED AIR, C/T FACILITY, PRESSURE VESSEL SYSTEM CERT | 1 | Oct-18 | Fully Compliant | No Action Required | 2015/3 | |
| ISC 158 | TBD KSC-5500-10144 | COMPRESSED AIR, GENERATOR SHOP, PRESSURE VESSEL SYSTEM CERT | 1 | Oct-13 | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 159 | TBD KSC-5500-10147 | COMPRESSED AIR, LAUNCH EQUIPMENT SHOP, PRESSURE VESSEL SYSTEM CERT | 1 | Oct-11 | Immediate Action Required | Replace | 2015/3 | Currently out of service. Awaiting replacement. |
| ISC 160 | TBD KSC-5500-10513 | FACILITY GN2 SYSTEM, TPS | 3 | Mar-22 | Not Fully Compliant | Use As Is | 2015/3 | |
| ISC 161 | TBD01 | COMPRESSED AIR, L6-0297 STORAGE BUILDING | 1 | TBD | Not Fully Compliant | Use As Is | 2015/3 | |
| SPOC 92 | KSCL-1792D-0237 | ENGINE TRANSPORT PLATFORM, LC-39A | 1 | Aug-28 | Not Fully Compliant | Use As Is | 2015/3 | |
| SPOC 93 | KSCL-1792D-0229 | AMBIENT BOTTLE FILL SYSTEM, SLF | 1 | Sep-28 | Not Fully Compliant | Use As Is | 2015/3 | |
| SPOC 94 | KSC-5500-10593 | MISC SAMPLING PANELS, VARIOUS S/N'S @ CRCA @ HMF | 1 | Jul-28 | Not Fully Compliant | Use As Is | 2015/3 | |
| SPOC 95 | KSCL-1792D-0117 | MPS VAA LH2SYSTEM , VAB | 1 | Jun-28 | Not Fully Compliant | Use As Is | 2015/3 | |
| CAPPS 34 | BPVS 3059 | GAS LEAKAGE TEST STAND GSA-02006<br>WUC: S1GGAAE001 | 1 | Dec-20 | Not Fully Compliant | Use As Is | 2015/4 | |
| CAPPS 35 | BPVS 3060 | PURIFIED WATER ACCUMULATOR<br>GS5-00893 / 580.24 | 1 | Mar-21 | Not Fully Compliant | Use As Is | 2015/4 | |
| CAPPS 36 | BPVS 3068 | MMSE PORTABLE GN2/GHE REGULATION PANEL<br>1-50 PSIG<br>C70-1736-001 / Q9GGAAB001<br>WUC # Q9GGAAB001 | 1 | Dec-28 | Not Fully Compliant | Use As Is | 2015/4 | |
| CAPPS 37 | BPVS 3069 | MMSE PORTABLE GN2/GHE REGULATION PANEL<br>2-100 PSIG<br>C70-1736-002 / Q9GGAAC001<br>WUC # Q9GGAAC001 | 1 | Dec-28 | Not Fully Compliant | Use As Is | 2015/4 | |
| CAPPS 38 | BPVS 3070 | MMSE PORTABLE GN2/GHE REGULATION PANEL<br>10-1500 PSIG OUTLET<br>C70-1736-003 / Q9GGAAD001<br>WUC # Q9GGAAD001 | 1 | Dec-28 | Not Fully Compliant | Use As Is | 2015/4 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CAPPS 39 | BPVS 3071 | MMSE PORTABLE GN2/GHE REGULATION PANEL<br>15-3000 PSIG OUTLET<br>C70-1736-004 / Q9GGAAE001<br>WUC # Q9GGAAE001 | 1 | Dec-28 | Not Fully Compliant | Use As Is | 2015/4 | |
| CAPPS 40 | TBD-BPVS 3077 | PAYLOAD CANISTER TRANSPORTER #2 PNEUMATIC SYSTEM<br>P70-1107 / 225.23 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 162 | TBD-84-CAX | AIR COMPRESSOR, UNKNOWN | 1 | TBD | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 163 | KSC-10208 | AIR COMPRESSOR, RECIP, QUINCY | 1 | TBD | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 164 | TBD-FLPPRP26 | PORTABLE PRESSURE REDUCING PANEL FLPPRP26 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 165 | TBD-FLPPRP09 | PORTABLE PRESSURE REDUCING PANEL FLPPRP09 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 166 | TBD-FLPPRP12 | PORTABLE PRESSURE REDUCING PANEL FLPPRP12 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 167 | TBD-FLPPRP23 | PORTABLE PRESSURE REDUCING PANEL FLPPRP23 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 168 | TBD-FLPPRP07 | PORTABLE PRESSURE REDUCING PANEL FLPPRP07 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 169 | TBD-FLPPRP08 | PORTABLE PRESSURE REDUCING PANEL FLPPRP08 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 170 | TBD-FLPPRP10 | PORTABLE PRESSURE REDUCING PANEL FLPPRP10 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 171 | TBD-FLPPRP15 | PORTABLE PRESSURE REDUCING PANEL FLPPRP15 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 172 | TBD-FLPPRP16 | PORTABLE PRESSURE REDUCING PANEL FLPPRP16 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 173 | TBD-FLPPRP17 | PORTABLE PRESSURE REDUCING PANEL FLPPRP17 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 174 | TBD-FLPPRP24 | PORTABLE PRESSURE REDUCING PANEL FLPPRP24 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 175 | TBD-FLPPRP25 | PORTABLE PRESSURE REDUCING PANEL FLPPRP25 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 176 | TBD-FLPPRP14 | PORTABLE PRESSURE REDUCING PANEL FLPPRP14 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 177 | TBD-FLPPRP20 | PORTABLE PRESSURE REDUCING PANEL FLPPRP20 | 1 | TBD | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 178 | KSCE-8244-0180 | PNEUMASTAT FACILITY GN2 SYSTEM | 1 | Feb-16 | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 179 | KSC-5500-10508 | FACILITY GN2 SYSTEM, VAA | 17 | Dec-15 | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 180 | KSCL-1792D-0152 | GH2/GO2 STORAGE AND DISTRIBUTION SYSTEM , LC-39A | 9 | Feb-21 | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 181 | KSCL-1792D-0153 | GH2/GO2 STORAGE AND DISTRIBUTION SYSTEM, LC-39B | 10 | Oct-18 | Not Fully Compliant | Use As Is | 2015/4 | |
| ISC 182 | TBD-58-CAX | INGERSOL RAND 5HP | 1 | TBD | Not Fully Compliant | Use As Is | 2016/1 | |
| ISC 183 | KSCE-8244-0211 | CRCA 5K BAIR SYSTEM | 1 | Sep-18 | Not Fully Compliant | Use As Is | 2016/1 | |
| ISC 184 | KSCE-8244-0204 | CRCA 14K GHE SYSTEM | 1 | Aug-17 | Not Fully Compliant | Use As Is | 2016/1 | |
| ISC 185 | KSCE-8244-0140 | FSA#1 GN2 FAC, GN2 VES & SYS | 1 | Feb-17 | Not Fully Compliant | Use As Is | 2016/1 | |
| ISC 186 | KSCE-8244-0203 | CRCA 5K GHE SYSTEM | 1 | May-18 | Not Fully Compliant | Use As Is | 2016/1 | |
| ISC 187 | KSC-5500-11042 | COMPRESSED AIR, L6-0147 CHILLER BLDG | 1 | TBD | Not Fully Compliant | Use As Is | 2016/1 | |
| ISC 188 | TBD KSC-5500-10112 | GN2/GHe/CAIR Flowmeter Calibration System Panels | 2 | TBD | Not Fully Compliant | Use As Is | 2016/1 | |
| ISC 189 | TBD KSC-5500-10552 | FIREX T-3 TANK FARM, LC 39A | 1 | TBD | Not Fully Compliant | Use As Is | 2016/1 | |
| ISC 190 | TBD02 | COMPRESSED AIR, J7-0338 COMP.AIR BLDG. | 1 | TBD | Not Fully Compliant | Use As Is | 2016/1 | |
| ISC 191 | TBD03 | COMPRESSED AIR, OPF-3 | 1 | TBD | Not Fully Compliant | Use As Is | 2016/1 | |
| ISC 192 | TBD-SRB-PVS-004 | BOILER, HOT WATER, M7-0657 | 1 | TBD | Not Fully Compliant | Use As Is | 2016/1 | |
| ISC 193 | KSCE-8244-0207 | CT&FF BAIR K-BOTTLE AND STG SYS | 1 | Jul-27 | Not Fully Compliant | Use As Is | 2016/2 | |
| ISC 194 | KSCE-8244-0148 | HI PRESS HIGH PURITY O2 SYS, PAD AT PROP N | 1 | May-18 | Not Fully Compliant | Use As Is | 2016/2 | |
| ISC 195 | KSCE-8244-0200 | SSPF (M7-0360); 6K GN2 STUB-UP @ SSPF | 1 | Apr-16 | Not Fully Compliant | Use As Is | 2016/2 | |
| ISC 196 | KSC-5500-10491 | FACILITY GHE SYSTEM, HMF | 6 | Dec-28 | Not Fully Compliant | Use As Is | 2016/2 | |
| ISC 197 | KSC-5500-10541 | FACILITY BREATHING AIR SYSTEM, HMF, M7-0961 | 2 | Feb-24 | Not Fully Compliant | Use As Is | 2016/2 | |
| ISC 198 | TBD KSC-5500-9195 | FACILITY GN2 & COMP AIR SYSTEMS, PNEUMATIC SHOP | 2 | TBD | Not Fully Compliant | Use As Is | 2016/2 | |
| ISC 199 | TBD04 | ELECTRICAL DIST/CABLING(GHE SYS) K6-0546 | 1 | TBD | Not Fully Compliant | Use As Is | 2016/2 | |
| ISC 200 | KSCE-8244-0170 | UTILITY ANNEX GN2 SYSTEM | 1 | May-16 | Not Fully Compliant | Use As Is | 2016/3 | |
| ISC 201 | KSCE-8244-0188 | HYPERGOL FUEL DRUM STORAGE GN2 PANEL | 1 | Jun-16 | Not Fully Compliant | Use As Is | 2016/3 | |
| ISC 202 | TBD KSC-5500-10550 | FIREX T-3 TANK FARM, LC 39B | 1 | TBD | Not Fully Compliant | Use As Is | 2016/3 | |
| ISC 203 | TBD KSC-5500-11046 | COMPRESSED AIR, M7-657 PARACHUTE REFURB | 1 | TBD | Not Fully Compliant | Use As Is | 2016/3 | |
| ISC 204 | TBD05 | PANEL, AQUEOUS JET MOLE, CRCA | 1 | TBD | Not Fully Compliant | Use As Is | 2016/3 | |
| ISC 205 | KSCE-8244-0136 | DRUM STORAGE GN2 SYSTEM FOR HALON TRANSFER | 1 | Feb-17 | Not Fully Compliant | Use As Is | 2016/4 | |
| ISC 206 | KSC-5500-10479 | FACILITY GN2 SYSTEM , LC-39A | 24 | Aug-18 | Not Fully Compliant | Use As Is | 2016/4 | |
| ISC 207 | KSC-5500-10490 | FACILITY GN2 SYSTEM, HMF | 7 | Oct-18 | Not Fully Compliant | Use As Is | 2016/4 | |
| ISC 208 | KSC-5500-10516 | CABIN INTEGRITY CHECKOUT, PAD A | 7 | Jul-28 | Not Fully Compliant | Use As Is | 2016/4 | |
| ISC 209 | KSCE-8244-0195 | COMPRESSED NATURAL GAS VESSELS & SYSTEM | 1 | Apr-18 | Not Fully Compliant | Use As Is | 2017/1 | |
| ISC 210 | KSCE-8244-0208 | LOCO MAINT FAC CAIR VESSEL AND RV | 1 | May-18 | Immediate Action Required | Repair | 2017/1 | Currently out of service. Under repair. |
| ISC 211 | KSCE-8244-0146 | CIF GN2 STORAGE AND DISTRIBUTION | 1 | Sep-18 | Not Fully Compliant | Use As Is | 2017/1 | |
| ISC 212 | KSCE-8244-0185 | LOCO MAINT FAC CAIR VESSEL & RV | 1 | Apr-18 | Not Fully Compliant | Use As Is | 2017/1 | |
| ISC 213 | KSC-5500-10544 | FACILITY GN2, OPF | 10 | Aug-28 | Not Fully Compliant | Use As Is | 2017/1 | |
| ISC 214 | TBD KSC-5500-11026 | BOILER, HOT WATER SYSTEM | 1 | TBD | Not Fully Compliant | Use As Is | 2017/1 | |
| ISC 215 | BPVS 1061 | M7-1354; PHSF GN2 SYSTEM | 1 | Nov-17 | Not Fully Compliant | Use As Is | 2017/2 | |
| ISC 216 | BPVS 1062 | M7-1354; PHSF GHE SYSTEM | 1 | Nov-17 | Not Fully Compliant | Use As Is | 2017/2 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ISC 217 | TBD-92-CAX | AIR COMPRESSOR, ASSET NOT ASSIGNED | 1 | TBD | Not Fully Compliant | Use As Is | 2017/2 | |
| ISC 218 | KSC-5500-10555 | FACILITY GHE, OPF | 9 | Jul-28 | Not Fully Compliant | Use As Is | 2017/2 | |
| ISC 219 | TBD06 | PANEL, FIELD CLEAN HYDROSTAT, 6K PSI GN2 | 1 | TBD | Not Fully Compliant | Use As Is | 2017/2 | |
| ISC 220 | TBD07 | PANEL, FLOWMETER CALIB. SUPPLY, SYSTEM 1 | 1 | TBD | Not Fully Compliant | Use As Is | 2017/2 | |
| ISC 221 | KSCE-8244-0199 | CCF PROPELLANT SERVICE AREAS GN2 SYSTEM | 1 | May-17 | Not Fully Compliant | Use As Is | 2017/3 | |
| ISC 222 | KSC-10159 | FSA-1 MAINTENANCE COMPRESSED AIR RECEIVER; NEW CERTIFICATION; PREVIOUSLY EXCLUDED; | 1 | TBD | Not Fully Compliant | Use As Is | 2017/3 | |
| ISC 223 | TBD-60-CAX | AIR COMPRESSOR, ROTARY SCREW, PORTABLE | 1 | TBD | Not Fully Compliant | Use As Is | 2017/3 | |
| ISC 224 | KSC-5500-10562 | FACILITY GN2 SYSTEM , MLP-2 | 5 | Jul-28 | Not Fully Compliant | Use As Is | 2017/3 | |
| ISC 225 | TBD08 | PANEL, FLOWMETER CALIB. SUPPLY, SYSTEM 2 | 1 | TBD | Not Fully Compliant | Use As Is | 2017/3 | |
| ISC 226 | TBD10 | PANEL, GN2 VENT (150 PSIG) | 1 | TBD | Not Fully Compliant | Use As Is | 2017/3 | |
| ISC 227 | KSCE-8244-0135 | DRUM STORAGE HALON SYSTEM | 1 | Aug-17 | Not Fully Compliant | Use As Is | 2017/4 | |
| ISC 228 | KSC-5500-10566 | FACILITY GHE SYSTEM , MLP-2 | 2 | May-28 | Not Fully Compliant | Use As Is | 2017/4 | |
| ISC 229 | TBD11 | PANEL, SOLVENT JET MOLE, 6K PSI GN2 | 1 | TBD | Not Fully Compliant | Use As Is | 2017/4 | |
| ISC 230 | TBD12 | SYSTEM, BREATHING AIR HARDLINE, M7-1212 | 1 | TBD | Not Fully Compliant | Use As Is | 2017/4 | |
| ISC 231 | KSCE-8244-0120 | CCF ABOVEGROUND GHE PIPELINE AND HEADER SUPPLY SYS | 1 | Sep-18 | Not Fully Compliant | Use As Is | 2018/1 | |
| ISC 232 | KSCE-8244-0166 | CCF PROPELLANT SERVICE AREAS GN2 SYSTEM | 1 | Sep-18 | Not Fully Compliant | Use As Is | 2018/1 | |
| ISC 233 | KSCE-8244-0201 | IACP CAIR VESSEL AND RELIEF VALVE | 1 | May-18 | Not Fully Compliant | Use As Is | 2018/1 | |
| ISC 234 | KSCE-8244-0151 | OHF GO2 SYSTEM | 1 | Jan-19 | Fully Compliant | No Action Required | 2018/1 | PVS is inactive due to modification required by OCA. |
| ISC 235 | KSCE-8244-0117 | 14" CROSS COUNTRY LPGN2 PIPELINE CCF | 1 | May-18 | Not Fully Compliant | Use As Is | 2018/1 | |
| ISC 236 | KSCE-8244-0186 | HYPERGOL OXIDIZER GN2 SYSTEM | 1 | Sep-18 | Not Fully Compliant | Use As Is | 2018/1 | |
| ISC 237 | KSCE-8244-0143 | CCF GN2 INSTRUMENTATION SUPPLY AND PLINE SAMPLING | 1 | Sep-18 | Not Fully Compliant | Use As Is | 2018/1 | |
| ISC 238 | KSC-5500-11036 | SYSTEM, GN2, L6-0247 SRB-ARF | 1 | TBD | Not Fully Compliant | Use As Is | 2018/1 | |
| ISC 239 | TBD13 | SYSTEM, BREATHING AIR, M7-1061 | 1 | TBD | Not Fully Compliant | Use As Is | 2018/1 | |
| ISC 240 | KSCE-8244-0187 | FSA#1 HYPERGOL FUEL EQUIP SAFEING SYS | 1 | Mar-18 | Not Fully Compliant | Use As Is | 2018/2 | |
| ISC 241 | KSC-10171 | HEATING PLANT WATER EXPANSION TANK | 1 | TBD | Not Fully Compliant | Use As Is | 2018/2 | |
| ISC 242 | KSC-10164 | VAB UA BOILER / HTHW | 1 | TBD | Not Fully Compliant | Use As Is | 2018/2 | |
| ISC 243 | TBD-59-CAX | AIR COMPRESSOR, ROTARY SCREW, PORTABLE KSCM6-0798 | 1 | TBD | Not Fully Compliant | Use As Is | 2018/2 | |
| ISC 244 | TBD-61-CAX | HE AREA, SULLIVAN - PALETEK ROTARY SCREW COMPRESSOR | 1 | TBD | Not Fully Compliant | Use As Is | 2018/2 | |
| ISC 245 | KSC-5500-10574 | ECLSS GO2/GN2 SYSTEM , OPF 1& 2 | 4 | Apr-28 | Not Fully Compliant | Use As Is | 2018/2 | |
| ISC 246 | TBD KSC-5500-10589 | STATION, ARGON SUPPLY SYSTEM, ICP LAB | 1 | TBD | Not Fully Compliant | Use As Is | 2018/2 | |
| ISC 247 | TBD14 | SYSTEM, GHE INTERCONNECT/DIST. K6-0546 | 1 | TBD | Not Fully Compliant | Use As Is | 2018/2 | |
| ISC 248 | TBD-66-CAX | QUINCY 100HP COMPRESSOR | 1 | TBD | Not Fully Compliant | Use As Is | 2018/3 | |
| ISC 249 | TBD-01-HAS | HASKEL MOBILE HELIUM COMPRESSOR – MODEL LM-4DWW, C-5 | 1 | TBD | Not Fully Compliant | Use As Is | 2018/3 | |
| ISC 250 | TBD-02-HAS | HASKEL MOBILE HELIUM COMPRESSOR – MODEL LM-4DWW, C-6 | 1 | TBD | Not Fully Compliant | Use As Is | 2018/3 | |
| ISC 251 | TBD-03-HAS | HASKEL MOBILE HELIUM COMPRESSOR – MODEL LM-4DWW, C-7 | 1 | TBD | Not Fully Compliant | Use As Is | 2018/3 | |
| ISC 252 | TBD-50-CAX | WORTH 20HP, RECIP. COMPRESSOR | 1 | TBD | Not Fully Compliant | Use As Is | 2018/3 | |
| ISC 253 | TBD15 | SYSTEM, GN2 INTERCONNECT/DIST. K6-0546 | 1 | TBD | Not Fully Compliant | Use As Is | 2018/3 | |
| ISC 254 | TBD18 | UNIT, SONIC CLEANING | 1 | TBD | Not Fully Compliant | Use As Is | 2018/3 | |
| ISC 255 | TBD-09-LAC | LIQUID AIR CART - 700 LITER, LC-02 | 1 | TBD | Not Fully Compliant | Use As Is | 2018/4 | |
| ISC 256 | TBD-10-LAC | LIQUID AIR CART - 700 LITER, LC-03 | 1 | TBD | Not Fully Compliant | Use As Is | 2018/4 | |
| ISC 257 | TBD-11-LAC | LIQUID AIR CART - 700 LITER, LC-04 | 1 | TBD | Not Fully Compliant | Use As Is | 2018/4 | |
| ISC 258 | TBD KSC-5500-10546 | FACILITY GN2/GHe over 6K psig SYSTEM, CRCA | 5 | | Not Fully Compliant | Use As Is | 2018/4 | |
| ISC 259 | TBD KSC-5500-10591 | FACILITY GN2/GHe under 6K SYSTEM, CRCA | 32 | Oct-19 | Not Fully Compliant | Use As Is | 2018/4 | |
| ISC 260 | KSC-7889 | BURIED GN2 PIPELINE | 1 | Sep-27 | Not Fully Compliant | Use As Is | 2019/1 | |
| ISC 261 | KSC-7890 | BURIED GHE PIPELINE | 1 | Sep-27 | Not Fully Compliant | Use As Is | 2019/1 | |
| ISC 262 | KSCE-8244-0210 | CRCA GN2 REGULATION PANEL | 1 | Jul-19 | Not Fully Compliant | Use As Is | 2019/1 | |
| ISC 263 | TBD-12-LAC | LIQUID AIR CART - 700 LITER, LC-05 | 1 | TBD | Not Fully Compliant | Use As Is | 2019/1 | |
| ISC 264 | TBD-13-LAC | LIQUID AIR CART - 700 LITER, LC-06 | 1 | TBD | Not Fully Compliant | Use As Is | 2019/1 | |
| ISC 265 | TBD-14-LAC | LIQUID AIR CART - 700 LITER, LC-07 | 1 | TBD | Not Fully Compliant | Use As Is | 2019/1 | |
| ISC 266 | TBD-17-LAC | LIQUID AIR CART - 600 LITER, LC-198 | 1 | TBD | Not Fully Compliant | Use As Is | 2019/1 | |
| ISC 267 | TBD-21-LAC | LIQUID AIR CART - 600 LITER, LC- 230 | 1 | TBD | Not Fully Compliant | Use As Is | 2019/1 | |
| ISC 268 | TBD-56-CAX | INGERSOL RAND 10HP | 1 | TBD | Not Fully Compliant | Use As Is | 2019/2 | |
| ISC 269 | TBD-08-IRU | IRON REMOVAL UNIT, IR-4 | 1 | TBD | Not Fully Compliant | Use As Is | 2019/2 | |
| ISC 270 | TBD-43-CAX | AIR COMPRESSOR, RECIP, QUINCY | 1 | TBD | Not Fully Compliant | Use As Is | 2019/2 | |
| ISC 271 | KSC-10169 | COMPRESSED AIR, M7-0557 CRYOGENICS | 1 | TBD | Not Fully Compliant | Use As Is | 2019/2 | |
| ISC 272 | TBD-103-CAX | HE 905-078, Heavy Equipment Compressed Air (Trailer) | 1 | TBD | Not Fully Compliant | Use As Is | 2019/2 | |
| ISC 273 | KSC-10209 | INGERSOL RAND 20HP | 1 | TBD | Not Fully Compliant | Use As Is | 2019/2 | |
| ISC 274 | KSC-5500-10612 | HYDRO PANEL & TEST BENCH , CRCA | 1 | Oct-19 | Immediate Action Required | Repair | 2019/2 | Currently out of service. Under repair. |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ISC 275 | TBD-46-CAX | AIR COMPRESSOR, RECIP , MODEL 5T 25 | 1 | TBD | Not Fully Compliant | Use As Is | 2019/3 | |
| ISC 276 | TBD-51-CAX | Compressed Air Compressor and Receiver | 1 | TBD | Not Fully Compliant | Use As Is | 2019/3 | |
| ISC 277 | TBD-41-CAX | SULLAIR COMPRESSOR, AIR PORTABLE, S/N 00484355-CHD, SCREW | 1 | TBD | Not Fully Compliant | Use As Is | 2019/3 | |
| ISC 278 | KSC-10168 | - AIR COMPRESSOR, RECIP, SPEEDAIRE - HVC SUB-SYSTEM | 1 | TBD | Not Fully Compliant | Use As Is | 2019/3 | |
| ISC 279 | KSC-10211 | SHOP AND STORAGE BUILDING CAIR RECEIVER | 1 | TBD | Not Fully Compliant | Use As Is | 2019/3 | |
| ISC 280 | KSC-10190 | 100 HP HTHW PORTABLE BOILER - ECLIPSE | 1 | TBD | Not Fully Compliant | Use As Is | 2019/3 | |
| ISC 281 | TBD-42-CAX | AIR COMPRESSOR, RECIP | 1 | TBD | Not Fully Compliant | Use As Is | 2019/4 | |
| ISC 282 | TBD-40-CAX | AIR COMPRESSOR, RECIP, QUINCY | 1 | TBD | Not Fully Compliant | Use As Is | 2019/4 | |
| ISC 283 | TBD-38-CAX | 2HP CRAFTSMAN AIR COMPRESSOR | 1 | TBD | Not Fully Compliant | Use As Is | 2019/4 | |
| ISC 284 | KSC-8500 | OPF SCAPE BAIR SYSTEM | 1 | Feb-28 | Not Fully Compliant | Use As Is | 2019/4 | |
| ISC 285 | KSC-8501 | CRAWLERWAY SPLIT SCAPE BAIR | 1 | Feb-28 | Not Fully Compliant | Use As Is | 2019/4 | |
| ISC 286 | BPVS 1066 | M7-0355; O&C FACILITY SUPPLY OPERATIONAL AIR ACCUMULATOR | 1 | Jun-22 | Not Fully Compliant | Use As Is | 2020/1 | |
| ISC 287 | KSC-8073 | LN2 DEWAR FILL FACILITY | 1 | Jul-26 | Not Fully Compliant | Use As Is | 2020/1 | |
| ISC 288 | KSC-8040 | SSPF BAIR PANEL (2400 PSIG-100PSIG) | 1 | Jan-25 | Not Fully Compliant | Use As Is | 2020/1 | |
| ISC 289 | KSC-10165 | LIFE SUPPORT BOILER-B1; POWER-FIN | 1 | TBD | Not Fully Compliant | Use As Is | 2020/1 | |
| ISC 290 | TBD-29-RFX | REFUELER, RF-4 | 1 | TBD | Not Fully Compliant | Use As Is | 2020/1 | |
| ISC 291 | KSC-7892 | FUNCTL TEST AREA BAIR SYS, 1050A, FSA #1 | 1 | Jul-26 | Not Fully Compliant | Use As Is | 2020/2 | |
| ISC 292 | TBD-30-RFX | REFUELER, RF-5 | 1 | TBD | Not Fully Compliant | Use As Is | 2020/2 | |
| ISC 293 | KSC-8494 | PAD A SLIDEWIRE BUNKER BAIR | 1 | May-27 | Not Fully Compliant | Use As Is | 2020/2 | |
| ISC 294 | KSC-8495 | PAD B SLIDEWIRE BUNKER BAIR | 1 | May-27 | Not Fully Compliant | Use As Is | 2020/2 | |
| ISC 295 | KSC-5500-10582 | HYDRAULIC TEST CONSOLE NO. 1, CRCA PMN: K61-4399, K61-4419 | 2 | Aug-20 | Fully Compliant | No Action Required | 2020/2 | |
| ISC 296 | TBD KSC-5500-10125 | COMPRESSED AIR, RPSF, PRESSURE VESSEL SYSTEM CERT | 1 | Aug-20 | Not Fully Compliant | Use As Is | 2020/2 | |
| ISC 297 | TBD KSC-5500-10143 | COMPRESSED AIR, IPC SHOP, PRESSURE VESSEL SYSTEM CERT | 1 | Oct-20 | Fully Compliant | No Action Required | 2020/2 | |
| ISC 298 | TBD KSC-5500-10634 | COMPRESSED AIR, UTILITY SHOP | 1 | Nov-20 | Fully Compliant | No Action Required | 2020/2 | |
| ISC 299 | KSC-8548 | BAIR | 1 | TBD | Not Fully Compliant | Use As Is | 2020/3 | |
| ISC 300 | TBD-22-DIU | LIQUID TANKER, LT-85 | 1 | TBD | Not Fully Compliant | Use As Is | 2020/3 | |
| ISC 301 | TBD-01A-OWT | PHSF UNDERGROUND EMERGENCY OXIDIZER WASTE TANK | 1 | TBD | Not Fully Compliant | Use As Is | 2020/3 | |
| ISC 302 | TBD KSC-5500-10138 | COMPRESSED AIR, CCF, PRESSURE VESSEL SYSTEM CERT | 1 | Dec-20 | Fully Compliant | No Action Required | 2020/3 | |
| ISC 303 | TBD KSC-5500-10145 | COMPRESSED AIR, PAINT SHOP, PRESSURE VESSEL SYSTEM CERT (PMN K60-3075) | 1 | Dec-20 | Fully Compliant | No Action Required | 2020/3 | |
| ISC 304 | TBD-02A-OWT | PHSF UNDERGROUND EMERGENCY OXIDIZER FUELTANK | 1 | TBD | Not Fully Compliant | Use As Is | 2020/4 | |
| ISC 305 | KSC-10161 | HYPERGOLIC OXIDIZER STORAGE FAC GN2 PNL | 1 | TBD | Not Fully Compliant | Use As Is | 2020/4 | |
| ISC 306 | TBD KSC-5500-10139 | COMPRESSED AIR, EQUIP STORAGE, PRESSURE VESSEL SYSTEM CERT | 1 | Feb-21 | Fully Compliant | No Action Required | 2020/4 | |
| ISC 307 | TBD KSC-5500-10150 | COMPRESSED AIR, HEAVY EQUIPMENT SHOP, PRESSURE VESSEL SYSTEM CERT | 1 | Jan-21 | Fully Compliant | No Action Required | 2020/4 | |
| ISC 308 | KSC-7160 | LHE DEWAR AND SYSTEM | 1 | Apr-27 | Not Fully Compliant | Use As Is | 2021/1 | |
| ISC 309 | KSC-7161 | CCF FIRST STAGE COMPRESSION GHE | 1 | Apr-27 | Not Fully Compliant | Use As Is | 2021/2 | |
| SPOC 96 | KSC-5500-9196 | PRESSURE REGULATION PANEL, A34-0329 | 1 | May-21 | Fully Compliant | No Action Required | 2021/2 | |
| ISC 310 | KSCE-8244-0138 | CT&FF K-BOTTLE FILL SYSTEM | 1 | May-27 | Not Fully Compliant | Use As Is | 2021/3 | |
| ISC 311 | KSCE-8244-0126 | CT&FF GN2 K-BOTTLE AND CGT FILL SYSTEMS; | 1 | May-27 | Not Fully Compliant | Use As Is | 2021/4 | **Projected Completeion of KSC PVS Risk-Based Plan. (See ISC 312, 313, and 325 notes below.)** |
| ISC 312 | KSC-5500-10477 | FACILITY GN2 SYSTEM , LC-39B Shared System Only | 8 | Oct-30 | Not Fully Compliant | Use As Is | 2025/4 | Not fully compliant due to Non-Code pressure vessels. Currently certified to all other requirements. NASA Alt Std will bring into compliance prior to 2021. |
| ISC 313 | KSC-5500-10478 | FACILITY GHE SYSTEM , LC-39B Shared System Only | 5 | Nov-30 | Not Fully Compliant | Use As Is | 2025/4 | Not fully compliant due to Non-Code pressure vessels. Currently certified to all other requirements. NASA Alt Std will bring into compliance prior to 2021. |
| ISC 314 | KSCE-8244-0141 | HPO2 FACILITY GN2 SYSTEM | 1 | Jan-29 | Fully Compliant | No Action Required | 2028/4 | |
| ISC 315 | KSCE-8244-0145 | CIF SOLVENT 113 SYSTEM | 1 | Jun-29 | Fully Compliant | No Action Required | 2029/1 | |
| ISC 316 | KSC-TBD-CRF-AIR | TRANSPORTER/CANISTER FACILITY COMPRESSED AIR SUPPLY SYSTEM | 1 | Aug-29 | Fully Compliant | No Action Required | 2029/2 | |
| ISC 317 | KSC-5500-10576 | FACILITY MISCELLANEOUS GAS SYSTEMS, CRCA | 9 | Mar-30 | Fully Compliant | No Action Required | 2029/4 | |
| ISC 318 | KSC-5500-10578 | FIELD CLEANING PRESSURE REDUCING PANEL, SN 21, CRCA | 1 | Feb-30 | Fully Compliant | No Action Required | 2029/4 | |
| ISC 319 | KSC-5500-10577 | HYDRAULIC TEST CONSOLE NO. 2, CRCA | 2 | Jun-30 | Fully Compliant | No Action Required | 2030/1 | |
| ISC 320 | KSC-5500-10579 | FIELD CLEANING PRESSURE REDUCING PANEL, SN 22, CRCA | 1 | Jul-30 | Fully Compliant | No Action Required | 2030/1 | |
| ISC 321 | KSC-5500-10580 | FIELD CLEANING PRESSURE REDUCING PANEL, SN 23, CRCA | 1 | Jul-30 | Fully Compliant | No Action Required | 2030/1 | |
| ISC 322 | KSC-5500-10581 | FIELD CLEANING PRESSURE REDUCING PANEL, SN 24, CRCA | 1 | Jul-30 | Fully Compliant | No Action Required | 2030/1 | |
| ISC 323 | KSC-5500-10602 | FIELD CLEANING PNEUMATIC TEST PANEL, CRCA | 1 | Dec-30 | Fully Compliant | No Action Required | 2030/2 | |
| ISC 324 | TBD KSC-5500-10151 | COMPRESSED AIR, OSB II, PRESSURE VESSEL SYSTEM CERT (PMN K62-1925) | 1 | Aug-30 | Fully Compliant | No Action Required | 2030/2 | |
| ISC 325 | TBD KSC-5500-10669 | SOLVENT RECIRCULATION SYSTEM | 8 | Oct-30 | Not Fully Compliant | Use As Is | 2030/2 | Not fully compliant due to Non-Code pressure vessels. Currently certified to all other requirements. NASA Alt Std will bring into compliance prior to 2021. |
| ISC 326 | KSC-5500-10551 | SRB P&S FACILITY GN2 SYS, SRB REFURBISHMENT FACILITY | 1 | Dec-30 | Fully Compliant | No Action Required | 2030/3 | |
| ISC 327 | KSC-5500-10571 | INTERIM TEST PANEL , CRCA | 1 | Nov-30 | Fully Compliant | No Action Required | 2030/3 | |
| ISC 328 | TBD KSC-5500-10592 | FREON TANK, CRCA | 1 | Jan-31 | Fully Compliant | No Action Required | 2030/4 | |
| SPOC 97 | KSC-5500-10669 | SOLVENT RECIRCULATION SYSTEM | 8 | Oct-30 | Fully Compliant | No Action Required | 2030/4 | |
| SPOC 98 | KSC-5500-10610 | SRB LIFTING BEAM, VAB | 2 | Nov-30 | Fully Compliant | No Action Required | 2030/4 | |
| SPOC 99 | KSC-5500-10627 | SRB HOLD DOWN POSTS, VAB | 1 | Dec-30 | Fully Compliant | No Action Required | 2030/4 | |
| CAPPS 41 | MDCY 1190 | PAYLOAD CANISTER TRANSPORTER #1 FLUIDS AND GAS SUBSYSTEM | 1 | Apr-13 | Not Fully Compliant | Decommission | EXCESS | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CAPPS 42 | MDCY 1191 | PAYLOAD CANISTER TRANSPORTER #2 FLUIDS & GAS SUBSYSTEM | 1 | Apr-13 | Not Fully Compliant | Decommission | EXCESS | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |
| CAPPS 43 | BPVS 3067-1 | GAS SAMPLING CYLINDER SERIAL # 0004 (ALUMINUM) | 1 | Oct-12 | Not Fully Compliant | Use As Is | EXCESS | Planned for excess prior to expiration of current certification. To be replaced with DOT specification vessel under DOT special permit DOT-SP 15132. |
| CAPPS 44 | BPVS 3067-2 | GAS SAMPLING CYLINDER SERIAL # 0006 (ALUMINUM) | 1 | Oct-12 | Not Fully Compliant | Use As Is | EXCESS | Planned for excess prior to expiration of current certification. To be replaced with DOT specification vessel under DOT special permit DOT-SP 15132. |
| CAPPS 45 | BPVS 3067-3 | GAS SAMPLING CYLINDER SERIAL # 0009 (ALUMINUM) | 1 | Oct-12 | Not Fully Compliant | Use As Is | EXCESS | Planned for excess prior to expiration of current certification. To be replaced with DOT specification vessel under DOT special permit DOT-SP 15132. |
| CAPPS 46 | BPVS 3067-4 | GAS SAMPLING CYLINDER SERIAL # 0010 (ALUMINUM) | 1 | Oct-12 | Not Fully Compliant | Use As Is | EXCESS | Planned for excess prior to expiration of current certification. To be replaced with DOT specification vessel under DOT special permit DOT-SP 15132. |
| CAPPS 47 | BPVS 3067-5 | GAS SAMPLING CYLINDER SERIAL # 0012 (ALUMINUM) | 1 | Oct-12 | Not Fully Compliant | Use As Is | EXCESS | Planned for excess prior to expiration of current certification. To be replaced with DOT specification vessel under DOT special permit DOT-SP 15132. |
| CAPPS 48 | BPVS 3067-6 | GAS SAMPLING CYLINDER SERIAL # 0014 (ALUMINUM) | 1 | Oct-12 | Not Fully Compliant | Use As Is | EXCESS | Planned for excess prior to expiration of current certification. To be replaced with DOT specification vessel under DOT special permit DOT-SP 15132. |
| CAPPS 49 | BPVS 3067-7 | GAS SAMPLING CYLINDER SERIAL # 0019 (ALUMINUM) | 1 | Oct-12 | Not Fully Compliant | Use As Is | EXCESS | Planned for excess prior to expiration of current certification. To be replaced with DOT specification vessel under DOT special permit DOT-SP 15132. |
| CAPPS 50 | BPVS 3067-8 | GAS SAMPLING CYLINDER SERIAL # 0021 (ALUMINUM) | 1 | Oct-12 | Not Fully Compliant | Use As Is | EXCESS | Planned for excess prior to expiration of current certification. To be replaced with DOT specification vessel under DOT special permit DOT-SP 15132. |
| CAPPS 51 | BPVS 3067-9 | GAS SAMPLING CYLINDER SERIAL # 0022 (ALUMINUM) | 1 | Oct-12 | Not Fully Compliant | Use As Is | EXCESS | Planned for excess prior to expiration of current certification. To be replaced with DOT specification vessel under DOT special permit DOT-SP 15132. |
| CAPPS 52 | BPVS 3067-11 | GAS SAMPLING CYLINDER SERIAL # 0024 (ALUMINUM) | 1 | Oct-12 | Not Fully Compliant | Use As Is | EXCESS | Planned for excess prior to expiration of current certification. To be replaced with DOT specification vessel under DOT special permit DOT-SP 15132. |
| CAPPS 53 | BPVS 3067-14 | GAS SAMPLING CYLINDER SERIAL # 0020 (ALUMINUM) | 1 | Mar-13 | Not Fully Compliant | Use As Is | EXCESS | Planned for excess prior to expiration of current certification. To be replaced with DOT specification vessel under DOT special permit DOT-SP 15132. |
| CAPPS 54 | BPVS 3067-15 | GAS SAMPLING CYLINDER SERIAL # 0027 (ALUMINUM) | 1 | Mar-13 | Not Fully Compliant | Use As Is | EXCESS | Planned for excess prior to expiration of current certification. To be replaced with DOT specification vessel under DOT special permit DOT-SP 15132. |
| CAPPS 55 | TBD-BPVS 3076 | PAYLOAD CANISTER TRANSPORTER #1 PNEUMATIC SYSTEM | 1 | TBD | Not Fully Compliant | Decommission | EXCESS | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |
| CAPPS 56 | NA (to be excessed) | PRESSURE RESRVOIR (80 Gal, 200 PSI), BRUNNER ENG. CAT NO. 302417 | 1 | TBD | Not Fully Compliant | Decommission | EXCESS | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |
| CAPPS 57 | BPVS 1178 | LIQUID SEPARATOR, OXIDIZER, FROM SAEF-2 (1 EACH) | 1 | Apr-10 | Not Fully Compliant | Decommission | EXCESS | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |
| CAPPS 58 | BPVS 1178 | LIQUID SEPARATOR, FUEL, FROM SAEF-2, (1 EACH) S70-1094-D1 / 557.00 | 1 | Jun-10 | Not Fully Compliant | Decommission | EXCESS | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |
| CAPPS 59 | NA (to be excessed) | LIQUID SEPARATOR, OXIDIZER (2 EACH) S70-1213 | 1 | TBD | Not Fully Compliant | Decommission | EXCESS | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |
| CAPPS 60 | NA (to be excessed) | LIQUID SEPARATOR, FUEL (1 EACH) S70-1212 | 1 | TBD | Not Fully Compliant | Decommission | EXCESS | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |
| CAPPS 61 | NA | HALON 1301 CONTAINER UPN 683000FL09243 | 1 | TBD | Not Fully Compliant | Decommission | EXCESS | Currently out of service and planned for excess. Option open for future use, but will be certified prior to reactivation. |