Subcontractor Name:       Project Title and Subcontract Number:

Description of planned activities/tasks for the scope-of-work for the entire project.

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| Hazard / Regulatory Requirements | ES&H Clause | Worker Information and Requirements |
| Welding,Cutting29 CFR 1910Subpart QNFPA 51BANSI Z49.1 | Seller Hot Work Programs shall meet the requirements of 29 CFR 1910 Subpart Q, NFPA 51B, and ANSI Z49.1. The work is limited to that described in the scope of work and specifications of the subcontract. A permit system shall be used. Note: Hot Work needing to be performed outside of approved "designated areas" in a facility must be controlled by a permit, and the permit must be obtained from the Technical Project Officer and issued/authorized by the Complex Facility Manager or their designated representative. Hot Work needing to be performed outside of facilities must also be controlled by a permit, the permit process to be used (the Seller#s or UT-Battelle’s) for these activities must be coordinated with an authorized UT-Battelle representative (e.g. an assigned Construction Safety Representative). Such a representative can be assigned by the Technical Project Officer or their designated representative. Details such as having an appropriately trained fire watch shall be coordinated and assured prior to commencing the hot work related activities. A Fire Watch shall be required for all hot work. | Workers shall ensure their hot work program has been evaluated and approved by ORNL subject matter experts.Worker identifies the hazards and associated controls for the hot work.Worker and supervisor verify controls are in place prior to performing hot work.A fire watch is provided for all hot work.Workers shall contact LSS Office (865.576.4LSS) in the event of an accident/emergency.Workers shall provide required documentation to the COMPANY’s Technical Project Officer (TPO) prior to starting any work on-site. |

**Subcontractor Activity Hazard Analysis (AHA)**

| Activity | Hazard | Controls |
| --- | --- | --- |
|       |       | **Elimination, substitution, engineering controls**:[ ]  HEPA-Filtered vacuum cleaner [ ]  Laboratory hood or glove box [ ]  Air Handler, HEPA filtered [ ]  Shrouded tool with HEPA filter [ ]  Continuous wetting (dust control) [ ]  Containment[ ]  Isolation [ ]  General Ventilation [ ]  Other Local Exhaust System:      Other: Specify below      |
| **Administrative controls** (work methods, training, medical, etc.):      |
| **Personal protective equipment** - specify the exact type of PPE (e.g. hearing protection device with minimum NRR of 20 dBA, Ansell Nitrile SOL-VEX gloves, etc.):      |

AHA Author:       Date:

ES&H/QHSP Representative Concurrence signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_

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| Technical Procurement Officer (TPO) signature indicates approval of activity-specific hazard controls identified in the subcontractor AHA. Printed Name/Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_  |