

CONFINED SPACE ENTRY PERMIT

This permit authorizes confined space entry only under the conditions specified below; stop work immediately if conditions change.

Date Issued:	Time issued:	Expires:			
Note: If the conditions of procedures specified on this permit change, STOP WORK IMMEDIATELY and notify the Facilities Supervisor or TRU Safety Department.					
Part 1 – Hazard Assessment (to be completed by the entry supervisor)					
Confined space description and location:					
Description of work to be performed:					
POTENTIAL HAZARDS: (check all inherent and introduced hazards) Circle Level of Hazard Low Moderate High					
<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 33%;"> Hazardous Atmospheres ☐ Flammable (greater than 10% LEL) ☐ Toxic (greater than PEL) ☐ Irritant/Dust ☐ Corrosive ☐ Oxygen (less than 19.5% or greater than 23.5%) ☐ Carbon monoxide ☐ Asbestos (contact S&EM) </td> <td style="vertical-align: top; width: 33%;"> Physical Hazards ☐ Temperature/humidity ☐ Uneven walking surfaces/tripping hazards ☐ Engulfment ☐ Electrical equipment ☐ Obstacles ☐ Fall Hazards ☐ Radiation < 1.7 µSv/hr. (greater than 1.7 µSv/hr. contact S&EM) </td> <td style="vertical-align: top; width: 33%;"> ☐ Spark-producing operations ☐ Noise ☐ Vibration ☐ Mechanical equipment ☐ Entrapment ☐ Falling debris ☐ Entry/Exit Limitations </td> </tr> </table>			Hazardous Atmospheres ☐ Flammable (greater than 10% LEL) ☐ Toxic (greater than PEL) ☐ Irritant/Dust ☐ Corrosive ☐ Oxygen (less than 19.5% or greater than 23.5%) ☐ Carbon monoxide ☐ Asbestos (contact S&EM)	Physical Hazards ☐ Temperature/humidity ☐ Uneven walking surfaces/tripping hazards ☐ Engulfment ☐ Electrical equipment ☐ Obstacles ☐ Fall Hazards ☐ Radiation < 1.7 µSv/hr. (greater than 1.7 µSv/hr. contact S&EM)	☐ Spark-producing operations ☐ Noise ☐ Vibration ☐ Mechanical equipment ☐ Entrapment ☐ Falling debris ☐ Entry/Exit Limitations
Hazardous Atmospheres ☐ Flammable (greater than 10% LEL) ☐ Toxic (greater than PEL) ☐ Irritant/Dust ☐ Corrosive ☐ Oxygen (less than 19.5% or greater than 23.5%) ☐ Carbon monoxide ☐ Asbestos (contact S&EM)	Physical Hazards ☐ Temperature/humidity ☐ Uneven walking surfaces/tripping hazards ☐ Engulfment ☐ Electrical equipment ☐ Obstacles ☐ Fall Hazards ☐ Radiation < 1.7 µSv/hr. (greater than 1.7 µSv/hr. contact S&EM)	☐ Spark-producing operations ☐ Noise ☐ Vibration ☐ Mechanical equipment ☐ Entrapment ☐ Falling debris ☐ Entry/Exit Limitations			
Part 2 – Hazard controls (check required controls)					
Hazardous energy isolation and lockout shall be implemented in accordance with the TRU Control of Hazardous Energy (COHE) Program (HSE Manual Section 7.1).					
☐ Lockout/tag-out required. List isolation points: _____ (i.e. group lock-out box or specific location) ☐ Zero-energy verified prior to entry (all hazardous energy sources isolated and tested) ☐ Approved alternative hazardous energy control procedure used (lockout not practicable) ☐ Notification of affected personnel in the area: _____ ☐ Method of communication Attendants and Entrants will use: ☐ verbal ☐ visual ☐ radio ☐ other: _____					
☐ Barriers required (i.e. planking/scaffolding) ☐ Communications to summon rescue available					
Check required emergency/rescue equipment:					
☐ Safety harness with lanyard ☐ Emergency eyewash ☐ Rescue kit (sked/spine board, basket, O ₂ , jump bag) ☐ Winch retrieval system (SRL, UCL hoist) ☐ Fire extinguisher					
Rescue Procedure: ☐ Entry ☐ Non-entry ☐ Vertical ☐ Horizontal					
Personal Protective Equipment to be worn/used:					
☐ Gloves ☐ Hood ☐ Barrier cream ☐ Safety harness and lanyard ☐ Dust mask ☐ half mask ☐ Radio ☐ Asbestos protective suits (Tyvek) ☐ Powered air purifying respirator (full mask) ☐ Goggles/face shield					
Other: Specify					
☐ MSDS's for all materials in the confined space (or to be brought into the confined space) are attached.					
☐ Pre-entry checks and procedures completed as per entry procedure					
Standby Personnel					
☐ Low risk: Name of standby person: _____ check every 20 minutes by radio or visual ☐ Moderate risk: Name of standby person: _____ or ☐ Rotating standby. Check every 20 minutes by radio/visual. Moderate hazard must remain at or near entrance ☐ High risk: Name of standby person: _____ remain at entrance					
☐ Special entry and/or work procedures:					

CONFINED SPACE ENTRY PERMIT

This permit authorizes confined space entry only under the conditions specified below; stop work immediately if conditions change.

Part 3 – Air sampling results

Air Monitoring Equipment Used

Model & Unit #	Bump or Cal Test	Bump/Cal Date	Technician's Name

Air Monitoring Results

Date	Time	O ₂ % (19.5 – 23.5%)	Combustibles, %LEL (0-10% LEL)	H ₂ S	CO	Initials

☐ All required air monitoring has been done throughout the confined space.

Test performed by:

Part 4 – Authorized entrants & standby personnel

Entrants and standby personnel shall review the permit and sign next to their name in acknowledgment of their understanding of the contents.

Entrant	Entry/Exit time; initials		Entry/Exit time; initials		Entry/Exit time; initials		Entry/Exit time; initials
Standby							

Part 5 – Permit review & approval

☐ Hazard assessment and controls are appropriate

☐ PPE is appropriate and adequate

☐ Appropriate air monitoring has been identified

Describe any special entry requirements:

Safety certification: I certify that all required precautions have been taken and the necessary equipment is provided for safe entry and work in this confined space:

Supervisor's Name: (Print)	Signature:	Date:	Time:
----------------------------	------------	-------	-------