| ENBC2 | Confined Space<br>Evaluation | Document<br>NBC-CSE-001<br>Effective<br>14-June-2006 |      |   |    |
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### SECTION I: Characterizing the space

| Can the space be bodily entered to perform assigned work? | 🗆 Yes 🗖 No |
|---|------------|
| Does the space have a limited means for entry and exit?   | 🗆 Yes 🗖 No |
| Is the space NOT meant for continuous occupancy?          | 🗆 Yes 🗖 No |

Note: If you answered YES to all three of the above questions, then the space being evaluated IS a confined space and section II **MUST** be completed by the evaluator. If you answered NO to ANY of the above questions, then the space is not a confined space and no further action is required.

### SECTION II: Characterizing hazards in the confined space

Check all of following hazards that apply to the confined space

*Note:* If you note the presence of any of the following hazards (by checking any of the boxes), then section III **MUST** be completed by the evaluator

- IIa Hazardous Atmosphere (or potential for development of hazardous atmosphere)
- IIb Engulfment (space filling with liquid or flowable solid)
- IIc Entrapment (space configured in a way that entrant can be trapped)
- IId Thermal hazards (excessive hot or cold equipment)
- IIe Electrical hazards
- IIf Dechanical hazards (rotating fans, blades, shafts, agitators, impellors)
- IIg OTHER\_\_\_\_\_

## SECTION III: Eliminating hazards in the confined space

- IIa. **Hazardous Atmosphere** identify potential or actual hazards  $\Box$ 
  - Oxygen deficient (<19.5%)
  - Carbon monoxide (>25 ppm)
  - □ Hydrogen sulfide (>10 ppm)
  - □ Lower Explosion Limit (>10%)

# Note: Continuous atmospheric monitoring is required for any of the atmospheric hazards identified above

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### IIb. Engulfment

List possible engulfing materials:

Can all of the engulfment hazards be eliminated prior to entry?  $\Box$  Yes  $\Box$  No If yes, check the means of elimination and list valve numbers if applicable

- Blanking (shall be done when possible)
- Block and Bleed
- □ Lockout/Tagout

List all Valve numbers:

IIc. **Entrapment** – entrapment hazards exist when the configuration of the space could trap the entrant (ex. Inwardly converging walls or tapered floor and ceiling, or a floor that slopes down and tapers to a smaller cross-section)

If an entrapment hazards exist, can they be eliminated prior to entry? No If yes, HOW?

### IId. Thermal Hazards

If thermal hazards exist, can they be eliminated prior to entry?  $\Box$  Yes  $\Box$  No If yes, HOW?

#### IIe. Electrical Hazards

If electrical hazards exist, can they be eliminated prior to entry?  $\Box$  Yes  $\Box$  No If yes, HOW?

IIf. Mechanical Hazards

If mechanical hazards exist, can they be eliminated prior to entry? No If yes, HOW?

IIg. Other:\_\_\_\_\_

If other hazards exist, can they be eliminated prior to entry?  $\Box$  Yes  $\Box$  No If yes, HOW?

| EHS Department Signature | Date: |
|--------------------------|-------|
|                          |       |