

Location: FERMENTER #1
 Entry Supervisor/PIC - Name: MCCRAIMAN
 Hazards of Permit Space: FILLING WITH LIQUID;
 CO2 ATMOSPHERE; OXYGEN ENRICHED ATMOSPHERE;
 CLEANR AND OR SANITIZER RESIDUES;
 GLYCOL COOLING JACKET;

Purpose of Entry: CIP SHADDOW UNDER MAINWAY
 Date of Approval:
 Type of additional document needed:
 JRA MSDS Hot Work Rescue Plan Energy Isolation
 Other/ Explain:

Checklist (Yes, No, NA)

	Yes	No	NA
All equipment depressurized?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All equipment drained?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All equipment cleaned and purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Energy isolation complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergency procedures in place?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Space properly ventilated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Emergency Phone Numbers

Ambulance/EMT: 911
 Fire department: 911
 Outside rescue: 911
 Air ambulance: 911

Training Verification:

Attendants
 Entry Supervisor
 Gas Tester

Atmospheric Testing: Frequency of testing: 30 MINUTES hrs/min (Testing shall be done at a minimum every two hours)
 * Initial testing shall be done for reclassification to non-permit required confined space entry

Direct reading Gas monitoring Equipment: Yes No
 Model and Unit ID: INDUSTRIAL SCIENTIFIC MX4
 Monitor Calibration Date:
 Model and Unit ID:
 Monitor Calibration Date:

Conditions Tested for:	LIMITS	TIME	Initial Test		Test Result		Test Result		Test Result	
			AM/PM	AM/PM	AM/PM	AM/PM	AM/PM	AM/PM	AM/PM	AM/PM
Oxygen	19.5% - 23.5 %	20.0								
Flamability	<10% LEL/LFL	0%								
Hydrogen Sulfide	<10 PPM	0								
Toxics CARBON MONOXIDE	PPM 35	0								
Other	N/A									

Tester Signature: [Signature]
 Will this be a permit-required confined space entry? Yes No
