CONFINED SPACE ENTRY PERMIT

PROJECT NAME:PROJECT MANAGER:		PROJECT LOCATION:						
DESCRIPTION OF CONFINED SPACE:								
EMERG	SENCY PHONE NUMBERS AND CONTACT							
HOSPITAL:		AMBULANCE:						
POLICE	B	FIRE:						
HOSPI	tal name and address:							
PHONE	E NO.:							
	SUPERVISOR'S VERIFICATION CHECKLIST dicates that the item applies and/or is under	control, "NA" indicates that the item is not applicable.						
GENER	AL:							
	Is entry necessary - if the task can be accordistished without entry, entry is prohibited. Have appropriate action levels been established. Are appropriate monitoring instruments available. Are the instruments selected approved for use in flammable atmospheres. Have all instruments been properly calibrated.							
ATMOS	SPHERIC HAZARD DETERMINATION/IDEN	TIFICATION						
	Are monitoring locations specified (i.e. top Are monitoring frequencies specified (i.e. of Is the oxygen level acceptable (I.E., > 20% Are combustible (i.e. < 10% of LEL/LFL) Are chemical contaminants below the set at () Hydrogen sulfide () Carbon Mono () VOC's/BTEX () Other	continuously/periodically) AND <23.5%) action levels (check if O.K.) oxide () Methane						
VENTIL	ATION							
[] [] []	Has pre-entry ventilation been performed in the ventilation equipment approved for use in the ventilation equipment positioned to vapor density and exhaust locations							

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VENTILATION (CONTINUED) Is ventilation to be performed for entire duration of the entry [] Is the air intake positioned away from potential sources of contaminants [] If ventilated after being found unacceptable, has the air been retested after ventilation OTHER HAZARDS Have temperature extremes been eliminated or controlled Have engulfment hazards been eliminated or controlled Have slick/wet surfaces or other slip/trip/fall hazards been eliminated or controlled Have overhead/falling objects hazards been eliminated or controlled If hot-work (welding/cutting/brazing is to be performed in the space, have the associated fire/explosion/atmospheric hazards been identified and controlled If cleaning solvents or other chemicals are to be used in the space, have the associated [] fire/explosion/atmospheric hazards been identified and controlled If tools or mechanical equipment are to be used have the associated fire/explosion/atmospheric hazards [] been identified and controlled LOCKOUT/TAGOUT Have all sources of potentially hazardous energy release been identified, eliminated or controlled [] Have all requirements of EMU's Lockout/Tagout Program been satisfied PERSONAL PROTECTIVE EQUIPMENT (PPE) Have all requirements for PPE been determined [] [] Glasses/goggles [] Coveralls (type)_____ [] Hardhats [] Boots (type)____ [] Gloves (type)___ [] Other Has appropriate respiratory protection been determined Have all requirements of EMU's Respiratory Protection Program been satisfied Have all limitations associated with the use of respiratory protection/PPE been accounted for (i.e., is the [] hole big enough to fit through vearing the selected PPE) RESCUE AND RETRIEVAL [] Have all authorized entrants been equipped with a full body harness and retrieval line/lanyard [] Have retrieval lines/lanyards been secured to a fixed point or mechanical device located outside the permit Have methods been specified to enable the outside attendant to maintain visual, verbal, or signal contact [] with the authorized entrants in the space Have rescue services, personnel and assignments, including emergency first aid/medical personnel, phone [] numbers and other contact information been established and communicated **EMPLOYEE INFORMATION AND TRAINING** Have affected employees received training required for assigned duties, including the additional [] requirements for: respiratory protection, first aid/CPR, site specific confined space briefing, emergency rescue procedures, etc.)

AIR MONITORING AND OTHER PRECAUTIONARY REQUIREMENTS

1.	Has the confined spaceYes (if yes, proceed		_No (if no						
2.	Confined Space Atmospheric Testing: With all artificial ventilation off, test internal atmosphere minimum):								
		Direct Rea	ding Instru	ment Measurer	ment				
	b. Oxygen Conf (if < 20%, re respirators re- c. Toxicity: <u>(rest</u>	test with ventila quired for entry)	er 10% of L	EL/LFL) repeated measu					
3.	 a. Standby person b. Powered equical Lifeline/lanya d. Continuous nine. Tank Isolation 	onnel present du ipment locked o rd & harness or v nonitoring of LEL n Permit	quipment requirements. case 1: spaces ne nnel present during entire entry oment locked out, tagged, blocked, etc. d & harness or wristlets worn onitoring of LEL/oxygen content in space Permit pe)				case 2 X X X X X X	ls; case	
		PERS	ONNEL AS	SIGNMENTS					
Author	rized Entrants								
1,		Entry time []	Exit time []	Initials []		
2.		Entry time []	Exit time []	Initials []		
Attend	lants								
1.		Start time []	End time []	Initials [J		
2.		Start time []	End time []	Initials []		
Entry S	Supervisor								
1.		Start time []	End time []	Initials []		
2.		Start time []	End time []	Initials []		