

AUTHORIZATION & RELEVANCY	ASSURANCE CONSTRUCTION & SERVICES		HAZARD ASSESSMENT & ANALYSIS WORKSHEET						R-15 SPECIAL HAA				
	JOB/TASK		CARBON MONOXIDE DANGERS ASSOCIATED WITH INDOOR USE OF HEATERS & COMBUSTION ENGINES										
	ANALYSIS BY HARLEY WINBORN		SERVICE MANAGER JAIME HEIDE				SENIOR ADMINISTRATOR JASON DE BOER						
	SIGN												
	DATE	MARCH 31 2015											
ORIGINAL ASSESSMENT DATE JANUARY 4 2011		REASON FOR THIS REVISION (ANN. REVIEW, CHANGE IN PROCEDURE, CHANGE OR NEW EQUIP., OR INCIDENT) ANNUAL REVIEW											
SAFETY COMMITTEE													
WHAT YOU NEED	TOOLS/EQUIPMENT USED			MATERIALS REQUIRED				PPE REQUIRED					
	HEATER, FIRE EXTINGUISHER, MOBILE EQUIPMENT, CO MONITOR			PROPANE, NATURAL GAS, GASOLINE, DIESEL FUEL				DUST MASKS WILL NOT PROTECT YOU FROM CARBON MONOXIDE					
COMPETENT PERSON	STEPS /TASKS		WHAT COULD HAPPEN	HEALTH HAZ.	SAFETY HAZ.	PROPEQUI P DAMAAGEA/ OS	ENVIRONM ENT	HAZARD CONTROLS	WHAT PROTECTS YOU	ENG. CONTROL	ADMIN. CONTROL	P.P. EQUIP.	
	HEATERS ON LEVEL SURFACE		FAILURE TO FOLLOW SAFE WORK PRACTICES COULD RESULT IN LEAKS, EXPLOSIONS, FIRE, DEATH	X	X	X			SWP			X	
	REGULATOR ON PROPANE TANKS												
	HEATERS AT LEAST 2M FROM TANK												
	HOSE LENGTH MIN 3M - MAX 51M		IMPROPER USE OF FIRE EXTINGUISHER COULD CAUSE BREATHING PROBLEMS	X					SEE FIRE EXTINGUISHER SWP & HAA			X	
	FIRE EXTINGUISHER WITHIN 9 M OF HEATER												
	TANKS STORED OUTSIDE WITH ADEQUATE VENTILATION		FAILURE TO FOLLOW SAFE WORK PRACTICES COULD RESULT IN LEAKS, EXPLOSIONS, FIRE, DEATH	X	X	X			SWP			X	
	CONNECTION & RECONNECTION BY COMPETENT WORKER												
	MANIFOLD SYSTEM: MAX CYLINDERS PER HEATER 3												
	CYLINDERS ON STABLE SURFACE												
	REGULATOR VENTED OUTSIDE IF HEATER INSIDE												
	TAPE INLETS OF GAS LINE & REGULATOR IF OUT OF USE.												
	HEATING UNPLUGGED NEEDS RESET: PUSH "STOP" THEN PUSH "START"												
*NOTE: CARBON MONOXIDE POISONING AS A POTENTIAL HAZARD OF TEMPORARY HEATING		SYMPTOMS: HEADACHES, NAUSEA, MENTAL CONFUSION		X			REPORT SYMPTOM TO FOREMAN, CARBON MONOXIDE MONITOR			X			
RATING SYSTEM	PROBABILITY/RISK RATING WITHOUT CONTROLS OR PROTECTION				SEVERITY/CONSEQUENCE RATING				TOTALS		PRIORITY RATING /20 10		
	1	LOW PROBABILITY (EXTREMELY REMOTE)			1	FIRST AID ONLY/MINOR PROPERTY DAMAGE							
	2	LOW-MEDIUM PROBABILITY (REMOTE)			2	MEDICAL AID/MINOR PROPERTY DAMAGE							
	3	MEDIUM PROBABILITY (MIGHT OCCUR)			3	LOST TIME INJURY/MAJOR PROPERTY DAMAGE							
	4	MEDIUM-HIGH PROBABILITY (LIKELY WILL OCCUR EVENTUALLY)			4	PERMANENT DISABILITY/MAJOR PROPERTY DAMAGE							
	5	HIGH PROBABILITY (WILL OCCUR)			5	FATAL/CATASTROPHIC PROPERTY DAMAGE							
	1	HEALTH			2	HEALTH			3	→			
	2	SAFETY			5	SAFETY			7				