

AUTHORIZATION & RELEVANCY	ASSURANCE CONSTRUCTION & SERVICES		HAZARD ASSESSMENT & ANALYSIS WORKSHEET		R-15 FORMAL HAA	
	JOB/TASK		HOT WORK - WELDING, TORCH CUTTING, GRINDING, BRAZING, SOLDERING, THAWING PIPES OR ANY POSSIBILITY OF FIRE			
	ANALYSIS BY		SENIOR ADMINISTRATOR			
	HARLEY WINBORN & NATHAN HEIDE		JASON DE BOER			
	SIGN					
	DATE	DECEMBER 22 2014				
ORIGINAL ASSESSMENT DATE		REASON FOR THIS REVISION (ANN. REVIEW, CHANGE IN PROCEDURE, CHANGE OR NEW EQUIP., OR INCIDENT)				
JANUARY 4 2011		ANNUAL REVIEW				

WHAT YOU NEED	TOOLS/EQUIPMENT USED		MATERIALS REQUIRED		PPE REQUIRED	
	GRINDERS, TIGER TORCHES, OXY-ACETYLENE EQUIPMENT, MIG EQUIPMENT, MSDS, SOLDERING EQUIPMENT		PROPANE, ACETYLENE, OXYGEN, ARGON, SOLDER		GLOVES, SAFETY EYEWEAR, FACE SHIELD	

HAZARDOUS STEPS & TASKS	STEPS /TASKS		POTENTIAL HAZARDS	WHAT COULD HAPPEN	HEALTH HAZ.	SAFETY HAZ.	PROPER P. DAMAGE/LOSS	HAZARD CONTROLS	WHAT PROTECTS YOU	ENG. CONTROL	ADMIN. CONTROL	P.P. EQUIP.
		PERMITS REQUIRED		UNAUTHORIZED-FIRE CAUSED NO FIRE WATCH			X		HOT WORK PERMIT, SWP		X	
		FIELD LEVEL HAZARD ASSESSMENT LOOKING ESPECIALLY FOR COMBUSTIBLE/FLAMMABLE MATERIAL AND EXPLOSIVE ATMOSPHERE		FIRE,EXPLOSION		X	X		SWP, OH&S CODE PART 10, SECTION 169		X	
		PROVIDE FIRE WATCH		COMBUSTIBLE MATERIALS MAY IGNITE		X	X		TRAINED PERSONNEL, SWP, CONSULT FIRE PROTECTION & PREVENTION SWP		X	
		FIRE FIGHTING EQUIPMENT SUITABLE TO JOB AVAILABLE		UNABLE TO CONTROL FIRES		X	X		SWP, OH&S CODE PART 10, SECTION 169, RESPIRATOR		X	X
		WELDING & TORCH CUTTING		SPARKS,WELDING BLINDNESS, SKIN BURN, RESPIRATORY ISSUES FROM FUMES	X	X	X		SWP, PPE (THICK WORK GLOVES - MINIMAL HEAT PROTECTION),			
		GRINDING										
		BRAZING										
		TIGER TORCH										
		*NOTE ALL TOOLS SUPPLIED BY PROPANE NEED A PROPER REGULATOR INSTALLED ON THE TANK BEFORE USE										

RATING SYSTEM	PROBABILITY/RISK RATING WITHOUT CONTROLS OR PROTECTION				SEVERITY/CONSEQUENCE RATING				TOTALS	PRIORITY RATING /20
	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)	4	PERMANENT DISABILITY/MAJOR PROPERTY DAMAGE						
	5	HIGH PROBABILITY (WILL OCCUR)	5	FATAL/CATASTROPHIC PROPERTY DAMAGE						
	1 HEALTH		2 HEALTH							
	4 SAFETY		5 SAFETY					3 9	→	

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