

AUTHORIZATION & RELEVANCY	ASSURANCE CONSTRUCTION & SERVICES		HAZARD ASSESSMENT & ANALYSIS WORKSHEET				R-15 FORMAL HAA							
	JOB/TASK		WELDING, CUTTING & BURNING											
	ANALYSIS BY		SERVICE MANAGER				SENIOR ADMINISTRATOR							
	HARLEY WINBORN		JAMIE HEIDE				JASON DE BOER							
	SIGN	DATE	MAY 10 2016											
	ORIGINAL ASSESSMENT DATE		REASON FOR THIS REVISION (ANN. REVIEW, CHANGE IN PROCEDURE, CHANGE OR NEW EQUIP., OR INCIDENT)											
	01/01/2011		ANNUAL REVIEW											
WHAT YOU NEED	TOOLS/EQUIPMENT USED			MATERIALS REQUIRED			MSDS		PPE REQUIRED					
	TANKS, TORCHES, HOSES, REGULATORS, BENCH, CLAMPS, MIG WELDER, ARC WELDER			OXYGEN, ACETYLENE, WIRE, ELECTRODS, ARGON, CO2,					WELDING MASK, RESPIRATOR					
HAZARDOUS STEPS & TASKS	STEPS /TASKS		POTENTIAL HAZARDS	WHAT COULD HAPPEN		HEALTH HAZ.	SAFETY HAZ.	PROPEQUI P DAMAGE/LOS	HAZARD CONTROLS	WHAT PROTECTS YOU	ENG. CONTROL	ADMIN. CONTROL	P.P. EQUIP.	
	AUTHORIZATION - HOT WORK PERMIT			VARIOUS SERIOUS INJURIES		X	X						X	X
	PPE													
	WORKSITE AWARENESS													
	EQUIPMENT LEAKS			FIRE, EXPLOSION			X	X			SWP, VENTILATION (OPEN DOOR), SAFETY GLASSES, WELDING MASK, GLOVES, COVERALL, BOOTS, ATMOSPHERIC TESTS	X	X	X
	VENTILATION			WELDING FUMES, SUFFOCATION		X	X							
	OTHER WORKERS NEARBY			BURNS			X							
	CONFINED SPACE			FIRE, BURNS, SUFFOCATION		X	X	X						
	FIRE PREVENTION & PROTECTION													
	AVAILABILITY OF FIRE FIGHTING EQUIPMENT			FIRE			X	X						
	COMBUSTIBLE MATERIALS & VAPOURS			FIRE, EXPLOSION			X	X						
	WORKING OVERHEAD			FALLING MATERIAL			X							
	SAFETY GUIDELINES													
PROTECT CABLES & HOSES		FIRE, EXPLOSION			X	X								
CABLES AROUND BODY PARTS		TRIP/SLIP, FALL			X									
RATING SYSTEM	PROBABILITY/RISK RATING WITHOUT CONTROLS OR PROTECTION				SEVERITY/CONSEQUENCE RATING				TOTALS	→	RISK 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 EVENTUALLY)			4	PERMANENT DISABILITY/MAJOR PROPERTY DAMAGE								
	5	HIGH PROBABILITY (WILL OCCUR)			5	FATAL/CATASTROPHIC PROPERTY DAMAGE								
	2	HEALTH			3	HEALTH			5		13			
3	SAFETY			5	SAFETY			8						