

AUTHORIZATION & RELEVANCY	ASSURANCE CONSTRUCTION & SERVICES		HAZARD ASSESSMENT & ANALYSIS WORKSHEET					R-15 FORMAL HAA					
	JOB/TASK		COMPRESSED GAS CYLINDERS										
	ANALYSIS BY HARLEY WINBORN		SERVICE MANAGER JAIME HEIDE					SENIOR ADMINISTRATOR JASON DE BOER					
	SIGN												
	DATE	OCTOBER 27 2015											
ORIGINAL ASSESSMENT DATE JANUARY 4 2011		REASON FOR THIS REVISION (ANN. REVIEW, CHANGE IN PROCEDURE, CHANGE OR NEW EQUIP., OR INCIDENT) NEW											
WHAT YOU NEED	TOOLS/EQUIPMENT USED		MATERIALS REQUIRED					PPE REQUIRED					
	COMPRESSED GAS CYLINDERS		VARIOUS CONTENTS IN CYLINDERS					READ SDS					
HAZARDOUS STEPS OR TASKS	GUIDELINES/TASKS		POTENTIAL HAZARDS	WHAT COULD HAPPEN	HEALTH HAZ.	SAFETY HAZ.	PROP/EQUIP DAMAGE/LOSS	HAZARD CONTROLS	WHAT PROTECTS YOU	ENG. CONTROL	ADMIN. CONTROL	P.P. EQUIP.	
	MISHANDLED CYLINDERS NOT NECESSARILY FLAMMABLE CONTENTS COULD LEAD TO...			DEATH, LUNG DAMAGE, LOSS OF HEARING, PERMANENT DISABILITY INTERNAL INJURIES FROM COMPRESSION WAVE, ASPHYXIATION, PROPERTY/EQUIPMENT DAMAGE	X	X	X		FOLLOW SWP & READ SDS FOR SPECIFIC GASES.				
				EXPLOSION - DEATH, LOSS OF SIGHT, PERMANENT DISABILITY, INTERNAL & PUNCTURE INJURIES FROM SHRAPNEL, PROPERTY/EQUIPMENT DAMAGE	X	X	X						
	LEAKING CYLINDERS			IGNITION & FIRE FROM VARIOUS SOURCES IF FLAMMABLE RESULTING IN DEATH OR SEVERE BURNS PROPERTY/EQUIPMENT LOSS		X	X					X	
	ACETYLENE MISHANDLED												
	NEAR FLAMMABLE MATERIALS AND SOURCES OF IGNITION & EXCESSIVE HEAT												
	OXYGEN PRESENT INCREASES POWER OF FIRE. DO NOT USE IN PLACE COMPRESSED AIR			FIRE, EXPLOSION, DEATH, SEVERE BURNS, LOSS OF EYESIGHT, PERMANENT DISABILITY		X	X						
	EMPTY CYLINDERS			RESIDUAL GAS MAY LEAK		X	X			TIGHTEN VALVE AND REMOVE REGULATORS AND INDICATE IT IS EMPTY.		X	
	CONFINED SPACE COMPRESSED GAS			CONFINED SPACE CODE OF PRACTICE	X	X				CONFINED SPACE CODE OF PRACTICE		X	
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-SPECIALIZED TECH SUPPORT							
	3	MEDIUM PROBABILITY (MIGHT OCCUR)			3	LOST TIME INJURY/MAJOR PROPERTY DAMAGE-SPECIALIZED TECH SUPPORT							
	4	MEDIUM-HIGH PROBABILITY (LIKELY WILL OCCUR EVENTUALLY)			4	PERMANENT DISABILITY/MAJOR PROPERTY DAMAGE-OHSA CONTACT							
	5	HIGH PROBABILITY ( WILL OCCUR )			5	FATAL/CATASTROPHIC PROPERTY DAMAGE-OHSA CONTACT							
	1	HEALTH			3	HEALTH			4	11			
2	SAFETY			5	SAFETY			7					