			Oxyacetylene Safety				Instructor Tips		
SMOHIT Safety Sense	dustry	•	Used properly, oxyacetylene gas is However, if used improperly, it has power. It is important for the opera with all its potential dangers.	s the poter	ntial for great destructive	<ul> <li>Emphasiz importanc proper tra when usin</li> </ul>		ce of aining	
		•	Acetylene gas has an explosion ra the widest explosion range of any				oxyacetylene gas.		
	Metal Inc	•	Many believe that acetylene gas cylinders are hollow - they are not! Acetylene cylinders are packed with diatomaceous earth that is saturated with acetone. Acetone is used in the cylinder as a stabilizing solution for the acetylene.				Describe the construction of an acetylene cylinder using		
	Sheet	•	Always inspect the gas cylinders, I prior to each use. Defective hoses escape into a room, where any ign	s are the n	nost likely places for gas to	<ul> <li>diagrams and/or pictures.</li> <li>Point out the extreme danger of explosions when</li> </ul>			
	s for the	•	Acetylene cylinders should always upright, vertical position. When cy lose liquid acetone from the cylind hoses.	linders are	e placed horizontally, they				
	Toolbox Talks for the Sheet Metal Industry	•	Always secure all compressed gas cylinders in an upright position and make sure they can't tip by tying or chaining them upright If a cylinder has been tipped over or stored horizontally, stand it upright for at least one hour before using. This will give the acetone a chance to settle.				improperly using or handling oxyacetylene gas.		
		•							
	-	•	<ul> <li>Any amount of acetylene gas in an oxygen gauge is an explosive hazard. Acetylene cannot stand the excess of 2,000 pounds of pressure under which oxygen is stored.</li> </ul>						
		•	Acetylene cylinder valves should but unattended. Be sure the cylinders left unattended.						
			Name	Init.	Name	1		Init.	
1. 2.					13. 14.				
	<u>2.</u> 3.				15.				
4.					16.				
5.					17.				
6. 7.					18. 19.				
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9.					21.				
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