



C.Y.L.O.N CORP.

# JOB SAFETY ANALYSIS

Colegio Sagrado Corazón de Jesús Ponce, Puerto Rico

MATE ROV 2017 International Competition, Long Beach, California

Tasks	Potential Hazards	Control Measures	Responsible Persons	Initials
<b>Production of the UVE</b>				
Working with Hot Tools	Burns	Protect exposed body parts	All	
Working with Sharp Tools	Cuts Injury Open	Use tools correctly and carefully	All	
Soldering	Burns Inhalation of gases	Nose and mouth cover masks	All	
Drilling	Injury from cuts	Use drill correctly and carefully	Ricardo Goitía-ROV technician Luis Hernández-Thetherman	
<b>Controlling the UVE</b>				
Cable Management	Tripping Injury Corporal	Non-slippery shoes Organize cables	Andrea Santiago-Safety Officer Verónica Meléndez-Project Manager	
Loose tools	Tripping Corporal Injury	Organize tools in bag or case	Verónica Meléndez-Project Manager Luis Hernández- Thetherman Ricardo Goitía- ROV technician Andrea Santiago-Safety Officer	
ROV deployment	Falling into Test Area (pool)	Use of lifejackets Do not run on the area	Verónica Meléndez-Project Manager Luis Hernández-Thetherman Ricardo Goitía-ROV technician Andrea Santiago-Safety Officer	
Battery Power Source	Electric Shock	Connect correctly to prevent electrocution Do not touch electric connections with wet hands	Carlos Ocasio-CEO, Pilot Bianca Rodriguez-COO,Co-pilot	
Installing frame onto the base plate	Falling into Test Area (pool) Corporal Injury	Use of lifejackets and gloves	Luis Hernández- Thetherman Ricardo Goitía- ROV technician	
Collecting samples from contaminated area	Falling into test area (pool)	Use of lifejackets and gloves	Ricardo Goitía-ROV technician	



