



Battery Filling

Developed by:		Approved by:		Date created:		Last revision:		
Jason M. Moffatt		G. Kaluzniak		January , 2016		December 1, 2022		
Possible Hazards Present			Personal Protection Required			Additional Training		
<ul style="list-style-type: none"> - Sulphuric Acid - Explosive hydrogen gas 			<ul style="list-style-type: none"> - Eye protection - Acid resistant gloves - Steel toed boots - Hi-Vis Vest 			<ul style="list-style-type: none"> - PPE 		
<p>1. Always wear eye protection, gloves and cover exposed skin when handling batteries and sulfuric acid electrolyte.</p> <p>2. Place the battery on charging table and remove battery caps.</p> <p>3. Carefully push in the perforated tab at the top of the acid pack. Lift up the large tab and pull out the dispensing hose. Hold the hose upright above the pack and squeeze the hose forcing all the acid back into the pack.</p> <p>4. Position the pack on top of the box, pinch the end of the hose together with the clamp and cut off the tip. Insert the nozzle into the end of the hose and undo the clamp. Insert the end of the nozzle into each cell, control the flow by depressing the lever on the nozzle.</p> <p>5. Fill each cell of the battery to a level just covering the battery plates, and then go back and top up each cell equally. It is important to have the cells filled equally or the battery will not operate properly. A newly filled battery will sometimes require additional acid after about 20 minutes.</p>								
<p>Documentation/Legislation</p> <p>Workplace Safety and Health Regulation, M.R. 217/2006</p> <p>6 Personal Protective Equipment</p>					<p>This Safe Work Procedure will be reviewed anytime the task, equipment or materials change and at a minimum every three years.</p>			