

Hazop Worksheet



<i>Project</i> <i>Company</i>	API Manufacturing Plant Sterling Chemical Malta Ltd	<i>Session n°</i> <i>Date</i>	06/11/2013
<i>Unit</i>	LPG Storage and loading area (LPG Tanks)	<i>Chairman/secretary</i> <i>Team members</i>	Taviani Cristiano Sgrò Giuseppe (Sterling); Topa Fabrizio (Trecon); Paci Andrea (Trecon), Bolognini Mauro (Trecon).
<i>System/Section Description</i>	Storage and loading LPG	<i>Drawings</i>	File Sterling Chemicals Ltd Sketches
<i>Facility</i>	LPG Tanks		
<i>Hazardous characteristics</i>	Inflammable substance presence		

Key word	Deviation	Cause	Deviation detection	Possible effects/consequences	Provided protection	Top Event identified
More/High	Storage temperature	Environment Temperature rise due to abnormal / excessive solar radiation	None	Increase volume liquid	None	None
				Increase evaporation liquid		
	Storage pressure	Environment Temperature rise due to abnormal / excessive solar radiation Wrong loading	None	Air emissions of vapours	Safety valve	Top Event 23
No	Storage volume	Head loss in piping system from valve bottom-tank, for wear accidental damage or worsening of LPG tank		Air emission of vapours	None	Top Event 23