

LNG Hazard Awareness

Time	Activity	Comments
0900 - 0930	<p>Arrival to Spadeadam.</p> <ul style="list-style-type: none"> • Security clearance • Welcome • Safety brief • Seminar aims 	Briefing is done by the facilitator and a representative of the Spadeadam site.
0930 - 1015	<p>Introduction to LNG and its associated hazards</p> <p>Dense gas dispersion</p>	Differences between NG and LNG
1015 - 1030	Demo 1: LiN spill to demonstrate dense gas dispersion	Demonstration carried out using LiN for safety and environmental considerations
1030 - 1045	Coffee Break	
1045 - 1130	<p>LNG specific applications</p> <p>Effect of cryogens on materials</p>	
1130 - 1200	Demo 2 & 3: Low pressure LNG release – ignited and unignited Cryogenic embrittlement	
1200 - 1230	Lunch	
1230 - 1300	Demo 4 & 5: LNG pool fires RPT	
1345 - 1415	Presentation on LNG pool fires and Rapid phase transition	
1415 - 1430	Coffee Break	
1430 - 1500	Case study	
1500 - 1530	Demo 6 & 7: HP LNG jet fire Explosion chamber	
1530 - 1615	Presentation on LNG jet fires	
1615 - 1700	<p>Future of LNG</p> <p>Wrap up of the day</p>	