



Dehydration and Refrigeration Technical Training Course

Session Outline

Session I – Hydrates & Process Introduction	Session II – Process Discussion – Part 1
<ul style="list-style-type: none">• Introduction• Hydrate Formation & Control Methodologies• Liquid and Solid Desiccant Overview• Dewpoint Moisture Content Calculations	<ul style="list-style-type: none">• TEG/DEG Dehydration Process• PFD, Equipment Description, Design Tips• Typical Operating Conditions• Troubleshooting and Optimization
Session II – Process Discussion – Part 2	Session II – Process Discussion – Part 3
<ul style="list-style-type: none">• EG Dewpoint Control Process• PFD, Equipment Description, Design Tips• Typical Operating Conditions• Troubleshooting and Optimization	<ul style="list-style-type: none">• Silica Gel & Molecular Sieves• PFD, Equipment Description, Design Tips• Typical Operating Conditions• Troubleshooting and Optimization• <i>In Most Locations and afternoon group function will be arranged to allow delegates to recover from the hectic pace of this schedule</i>
Session III – Operations and Analysis	Session IV – Problem Solving: Two Case Studies
<ul style="list-style-type: none">• Glycol Analysis – Parameter Definitions & Sampling• Foam and Emulsion Control• Emission Control – BTEX and CO₂E• Enhancing Desiccant Longevity; Testing	<ul style="list-style-type: none">• Case Studies Workshop – TEG Dehydration, EG Dewpoint Control• Summary and Final Exam