



Americas Hydrogen and Syngas Technical Training Seminar Seminar schedule

Tuesday, November 28th

7:00 : 8:00 **Registration / continental breakfast**

8:00 : 8:30 Welcome and opening Jennifer Tynski, JM
Diane Dierking, JM

8:30 : 9:00 Industry outlook Todd Hochheiser, JM
John Brightling, JM

9:00 : 10:00 Feedstock purification Dimitri Trufanov, JM

10:00 : 10:30 **Coffee break**

10:30 : 11:30 Fundamentals of steam reforming Michael Severance, JM

11:30 : 12:15 Principles of pre-reforming technology Himmat Singh, JM

12:15: 1:15 **Lunch**

1:15 : 2:00 ATR and secondary reforming Craig LaForce, JM

2:00 : 2:45 Catalyst loading and unloading Erick Yspango, JM

2:45 : 3:15 **Coffee break**

3:15 : 4:00 Steam reformer tubes – failure mechanisms and inspection techniques Edgar Remedios, Foerster Group

4:00 : 4:30 Question and answer session



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Wednesday, November 29th

7:00 : 8:00	Continental breakfast	
8:00 : 8:30	Reduction and startup of steam reformers	Gurpreet Chahal, JM
8:30 : 9:15	Hydrogen reformer burner basics	William Blasko, Honeywell UOP
9:15 : 10:00	Monitoring of steam reformers during operation	James Cross, LAND
10:00 : 10:30	Coffee break	
10:30 – 11:30	Optimizing reformer performance	John Brightling, JM
11:30 : 12:15	Steam chemistry in a steam methane reformer, best practices	Ellie Palomo, Nalco
12:15: 1:00	Lunch	
1:00	Afternoon activity – see event coordinators with any questions	



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Thursday, November 30th

7:00 : 8:00	Continental breakfast	
8:00 : 9:00	Water gas shift – HTS/MTS/LTS	Eddie De Amorim, Paulo Karavatakis, JM
9:00 : 9:30	Break-out topical sessions <ul style="list-style-type: none">Room 1 : PSA Process Basics,Room 2: Methanation fundamentals	William Blasko, Honeywell UOP Scott Commissaris, JM
9:30 : 10:15	Break-out topical sessions <ul style="list-style-type: none">Room 1 : PSA DebottleneckingRoom 2 : CO2 removal	Tom Jasonowicz, Honeywell UOP William Blasko, Honeywell UOP
10:15 : 10:30	Break	
10:30 : 11:30	Break-out topical sessions <ul style="list-style-type: none">Room 1: PSA Optimization, Reliability and MaintenanceRoom 2 : Ammonia Synthesis,	Jim Tuckowski, Honeywell UOP John Brightling, JM
11:30 : 12:00	SCR - Selective catalytic reduction	Kevin Doura, JM Clean Air
12:00 : 1:00	Lunch	
1:00 : 3:00	Transition to net zero: steps to decarbonize the syngas industries	Ken Chlapik, Lucy Wilson, JM
3:00 : 3:30	Question and answer session	
3:30 : 4:00	Closing	
4:30 : 6:00	Finale reception	