

Agenda for the 2014 ANNA conference in Tuscon, Arizona, USA

Date	Day	Event	Speaker	Company
Sep-28 Sunday ANNA welcome reception				
15:00		Executive meeting - Invitation Only	Agenda by HR	BASF SE
19:00		Welcome reception hosted by Apache Nitrogen Products Inc.	Jeremy Barrett	Apache Nitrogen
22:00		Closing		
Sep-29 Monday AN meeting: 1st day				
7:00		Breakfast	Sponsored by:	Heraeus
8:00		Registration for those joining in the last moment		
8:15		Opening remarks by the ANNA chairman - Identification of attendees	David Hind	Orica
8:40		Welcome from the host company and housekeeping items	Jeremy Barrett	Apache Nitrogen
8:45		Update on today's exhibitor activities	Burke Allen	Alloy Engineering
8:50	Paper 00	ANNA 2013 meeting: observations and balance sheet	Francisca Galindo	Fertiberia
General issues / legislation				
9:00	Paper 01	Ammonium nitrate: Impact of low thermal conductivity	Kish Shah	Fertilizers Europe
9:30	Paper 02	Conveyor belt fire in CAN warehouse	Nick Vogels	OCI
10:00		Coffee/Tea break	Sponsored by:	Subgr
AN solution production				
10:30	Paper 03	Operationally proven pH-measurements in concentrated ammonium nitrate solutions at 130 °C	Stefan v. d. Wal + Larry	Mettler-Toledo
11:00	Paper 04	AN solution transportation accident	Sam Corrent	Am. Dyonobel
11:30	Paper 05	Falling film evaporator and prill tower improvements: Reduction of fugitive ammonia emissions	Chris Sharpe	Apache Nitrogen
12:00		Lunch (at your own expense)		
13:30	Paper 06	Mist eliminator techniques	Stefano Spreafico	AWS Corporation
Production of solid AN fertilizers				
14:00	Paper 07	Advanced process control in CAN production	Steve Helfensteyn	EuroChem
14:30	Paper 08	VALE Fertilizantes new AN prill Brink mist eliminator system	José Guimarães +	Vale + MECS
15:00		Coffee/Tea break	Sponsored by:	Espindosa + Technics Roundtable
15:30	Paper 09	Safety aspects related to screening operations	Oliver Pikhard	Rheumum
16:00		Moisture analyses of ammonium nitrate prills using microwave and IR	Yaehyuk Im	Huchems Korea
16:30	Paper 11	Application and efficacy of anti-caking materials on ammonium nitrate	Mark Ogzewala	ArMaz
AN Pollution				
17:00	Paper 12	Ammonia blow-down recovery system optimization	Karim Dahhan	Apache Nitrogen
17:30		Closing of the 1st days session	David Hind	Orica
17:45		Evening activities offered by the exhibitors		
Sep-30 Tuesday AN meeting: 2nd day				
7:00		Breakfast	Sponsored by:	Alloy Engineering + Johnson Matthey
8:00		Registration for those joining in the last moment		
8:15		Remarks by the chairman	David Hind	Orica
8:30		Update from the host company and housekeeping items	Jeremy Barrett	Apache Nitrogen
8:40		Update on today's exhibitor activities	Burke Allen	Alloy Engineering
Safety including pumps for ammonium nitrate				
8:45	Paper 13	Overpressure in a scrubber tank: cause for decomposition?	Francois Ledoux	Yara
9:00	Paper 14	CSBP's guide manual for AN pumps – selection and protection	Peter Hein	CSBP
9:30	Paper 15	Legislation and regulatory changes in the US associated with ammonium nitrate	Noel Hsu	Orica
10:00		Coffee/Tea break	Sponsored by:	ArMaz
10:30	Paper 16	An additional layer of temperature control in AN neutralization based on LOPA methodology	Roland Schech	Agrium
11:00	Paper 17	Methods to enhance protection of stored ammonium nitrate	Hatcher Logue	PCS Augusta
11:30	Paper 18	Using water in case of a fire involving ammonium nitrate	Frank Wolf	AN Resources
12:00		Lunch (at your own expense)		
New technology				
13:30	Paper 19	Laser gas detection increases safety and environmental performance in fertilizer plants	Hamish Adam	Boreal-Laser
14:00	Paper 20	Instrumentation: use of glycerine vs. silicon based materials for pressure gauges	All participants	ANNA
AN safety training				
14:30	Paper 21	Accidental explosions involving ammonium nitrate: Mitigation	Ronald Peddie	Peddie
15:00		Coffee/Tea break	Sponsored by:	ECS Catalyst
15:15		AN Safety Round Table discussion	David Hind with	
17:00		Next years meeting and input to next years agenda	David Hind	Orica
17:10		Selection of the best AN presentation	Hans Reuvers	BASF
17:15		Closing of the AN meeting - next years meeting	David Hind	Orica
18:00		Open bar		
18:15		Drinks and dinner at the Exhibit Hall offered by the exhibitors		
22:00		Exhibit Hall Closing		
Oct 1 Wednesday HNO3 meeting: 1st day				
7:00		Breakfast	Sponsored by:	Sabin Metals
8:00		Registration for those joining in the last moment		
8:15		Welcome and remarks by the chairman - Identification of attendees	David Hind	Orica
8:35		Welcome from the host company and housekeeping items	Jeremy Barrett	Apache Nitrogen
8:40		Update on today's exhibitor activities	Burke Allen	Alloy Engineering
8:45	Paper 01	Avoiding hydrostatic testing of storage tanks using fitness-for-service assessments	Brian Rose	Quest Integrity
1. General issues				
9:15	Paper 02	Novel nitric acid plant Brink® filter designs enable increased production	S. Ziebold + B. Gilbert	MECS + PCS
9:45	Paper 03	Safe and reliable handling of ammonia via canned motor type pumps	Dave Krebs	Ensisval Moret
10:15		Coffee/Tea break	Sponsored by:	CFIh Singapore
10:45	Paper 04	Sandvik materials for NA: a new material concept	Daniel Gulberg	Sandvik
11:15		Wednesday afternoon activities offered by the exhibitors		
Oct 2 Thursday HNO3 meeting: 2nd day				
7:00		Breakfast	Sponsored by:	Linde Engineering - North America
8:15		Remarks by the ANNA chairman	David Hind	Orica
8:30		Update from the host company and housekeeping items	Jeremy Barrett	Apache Nitrogen
8:45		Update on today's exhibitor activities	Burke Allen	Alloy Engineering
1. General issues				
9:00	Paper 05	Why multi-layer gauzes will be the perfect choice for ammonia oxidation	Christian Goerens	Umicore
9:30	Paper 06	Relocation and start-up of a 68% nitric acid plant	Sam Corrent	Am. Dyonobel
10:00		Coffee/Tea break	Sponsored by:	Thyssen Krupp - Industrial Solutions
10:30	Paper 07	Development of the nitric acid market in Russia and CIS	Vladimir Otsenko	Krasvetmet
11:00	Paper 08	Expansion joint failure in a dual pressure nitric acid plant	Carey Pigott	CF Industries
11:30	Paper 09	21st Century DCS: cost or opportunity	K. Booth + J. Sorrentino	Worley Parsons
12:00		Lunch (at your own expense)		
3. Process air and ammonia sources - filters				
4. Preignition				
5. Burner and conversion catalysts				
13:30	Paper 10	Sustainable plant operation with hot spots on burner head	Muhammad Asif	PFL Pakistan
6. Getters and conversion catalyst support				
7. Heat train				
14:00	Paper 11	Operating window and corrosion in an economizer	Matej Halasa	Yara
8. Cooler condenser - Pt recovery				
14:30	Paper 12	The four great myths of precious metals reclamation	Bradford Cook	Sabin
15:00		Coffee/Tea break	Sponsored by:	CRU Catalyst
15:45	Paper 13	Managing a failed gas cooler condenser at CSBP	Jason Thompson	CSBP
9. HSE				
16:15	Paper 14	Process industry accidents – how to avoid lessons learned the hard way	Paul Gruhn	Rockwell Automation
10. Absorption tower - miscellaneous				
16:45	Paper 15	Capacity increase by water injection in tail gas	Arvid de Weire	Yara
17:15	Paper 16	Aspects of SCR DeNOx operations	Oystein Nilsen	Yara
17:45		Closing of the 4th days session	David Hind	Orica
18:00		Open bar		
19:00		Drinks and dinner at the Exhibit Hall offered by the exhibitors		
22:00		Exhibit Hall Closing		
Oct 3 Friday HNO3 meeting: 3rd day				
7:00		Breakfast	Sponsored by:	United Recovery Services Group

8:15		Remarks by the ANNA chairman	David Hind	Orica
8:30		Update from the host company and housekeeping items	Jeremy Barrett	Apache Nitrogen
11. NOx and N2O emissions				
8:45	Paper 17	The Iowa OCI plant: Design and construction aspects	Shawn Rana	OCI Iowa Fertilizers
9:15	Paper 18	NOx best available control technology	Bill Fiederbach	ClimeCo
9:45		Coffee/Tea break	Sponsored by:	Gamaco
10:15	Paper 19	Debottlenecking a dual pressure plant using bleach air compressors	David Hind	Orica
11:15	Paper 20	Stratification of NOx emissions	Gerald Ogundipe	Apache Nitrogen
11:45 Comments and questions regarding the NA section				
12:00		Input to next years agenda	David Hind	Orica
12:10		Selection of the best NA presentation	Dan Kipatrck	CF Industries
12:15		Presentation of next years meeting location	David Hind	Orica
12:30		Closing of the HNO3 meeting and ANNA 2011 conference	David Hind	Orica
12:30		Lunch (at your own expense)		
Plant Tour to Apache Nitrogen in Benson, Arizona				
13:30		Plant Tour	Jeremy Barrett	Apache Nitrogen
17:00		End of plant tour		
17:00		Executive meeting - Invitation Only	Agenda by LKR + HR	BASF
18:00		Expected end of executive meeting		

Legend	New Day
	Topic Change
	Networking Opportunities