SAFEX International

SAFEX Introduction Presentation

9 November 2016
"Establishing this Association is a humanitarian task, a moral and social mission and no effort undertaken for this purpose can be considered too great".

Founders of SAFEX International, 1954
Founded by Company CEO’s in 1953 - 9 Companies

- Schweizerische Sprengstoff Fabrik – Chair and Secretariat
- Wasag Chemie-Germany
- AG Dynamit Nobel - Austria
- Dinamite S.P.A- Italy
- Explosivos S.A- Peru
- Explosives Industries- Israel
- Kamnik-Yugoslavia
- ICI -Scotland
- Dottikon- Switzerland
- Membership grew to 28 Companies in 1960
MEMBERSHIP 2016

• Company Members 73

• Group Members
  – Austin Powder 9
  – Chemring 18
  – Dyno Nobel 4
  – Groupe EPC 18
  – Maxam 38
  – Orica 72
  – SNPE 6
  – EURENCO 5
  – AZOT 11
  TOTAL Group Subsidiaries 181

• TOTAL 254
WHERE ARE OUR MEMBERS – our Reach?

No. of members = 235 (Year 2016)
What do explosives manufacturers fear most?
Eliminate the harmful effects of explosives on People, Property and the Planet (Environment) by encouraging Members to learn from each other’s experiences.
Health, Safety, Security and Environmental (HSSE) incidents involving explosives
• John Rathbun – Chairman – Austin Powder International
• Claude Modoux-Treasurer-Negotrade SA
• Andy Begg-EXSA Consulting
• Noel Hsu- ORICA
• Enrique Barrancua-MAXAM
• Thierry Rousse-EPC France
• Alexander Chernolovskiy-AZOT
• Edmundo Jiminez-ENAEX
• Terry Bridgewater-Chemring UK
• Rahul Guha- Solar India
• Colin Wilson –AELms
• Steve Dawson-Dyno
THE SAFEX WAY – Main activities

Exchange incident information

Engage SAFEX stakeholders

Identify good practices

Promote explosives competencies
Work Groups

- AN Storage
- AN Transport
- Remediation GPG’s
- Emulsion Pumping

eLearning

- Basis of Safety
  - English
  - Spanish
  - Russian

- Incident Investigation and Reporting

TRAINING

- Incident Investigation and Reporting
The Congress, Training Session and Work Groups will be held at the SCANDIC GRAND MARINA HOTEL 15-20 May 2017 in Helsinki, Finland.
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<th>DATE</th>
<th>ACTIVITY</th>
<th>CONCURRENT ACTIVITY</th>
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<tr>
<td>Sunday, 14 May</td>
<td>Registration - Training</td>
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<td>Monday, 15 May</td>
<td>Registration - Training&lt;br&gt;Training Session</td>
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<td>Tuesday, 16 May</td>
<td>Training Session&lt;br&gt;Registration – Workgroups</td>
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<tr>
<td>Wednesday, 17 May</td>
<td>Registration - Workgroups&lt;br&gt;Workgroup Sessions&lt;br&gt;Registration - Congress&lt;br&gt;Welcome Reception</td>
<td>FEEM AGM</td>
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<td>Thursday, 18 May</td>
<td>Registration - Congress&lt;br&gt;Plenary Sessions – Open Day&lt;br&gt;Chairman’s Programme&lt;br&gt;Board Meeting</td>
<td>Spouses’ Programme</td>
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<td>Friday, 19 May</td>
<td>Plenary Sessions – Closed Day&lt;br&gt;General Assembly of Members&lt;br&gt;Gala Dinner</td>
<td>Spouses’ Programme</td>
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<td>Saturday, 20 May</td>
<td>Congress Excursion</td>
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Good Practice Guide: Storage of Solid Technical Grade Ammonium Nitrate

by

International Industry Working Group on Ammonium Nitrate
SAFEX’s SUCCESS DEPENDS ON . . .

• Members that
  – Investigate incidents effectively
  – Contribute experiences readily
  – Provide quality information
  – Implement learning scrupulously
  – Participate actively in events

• Contacts that perform their role conscientiously

• CEO’s active support

• Broad global membership

• Professional Leadership and Administration
Incidents Notified per Member Company 2012 till 2016

- Thales, 11
- MAXAM, 17
- Austin, 11
- Chemring, 6
- Azot, 2
- AEL, 5
- ORICA, 1
- MKEK, 1
- Eurenco, 6
- IBQ, 1
- Saudi Chem, 1
- Barutsan, 1
IN01-16 - AELMS, HMX/Aluminium Powder Explosion
IN02-16 - MAXAM, Propellant Deflagration
IN03-16 - Kilgore Flares, Propellant Deflagration
IN04-16 -AZOT, HMX/Aluminium Powder Deflagration
IN05-16 -Chemring, Propellant Deflagration
IN06-16 -Storm Damage PETN Plant
IN07-16 -Detonator Explosion
IN08-16 -Caps Explosion during Destruction
IN09-16 -RDX Explosion in Australia.
IN10-16 -A Gear Pump Explosion in Chile.
IN11-16 -Plant Explosion, Chile
• SAFEX needs visible CEO support
• SAFEX needs the industry leaders to carry the safety banner
• SAFEX needs more proactive reporting
• SAFEX can assist in corporate memory
• SAFEX is more relevant today than founding fathers anticipated

• Where do you stand?
• What contribution can you make?
• How do you see the way forward
• How can you prioritise reporting?
REMEMBER AN INCIDENT HOWEVER SMALL, ENCOUNTERED BY ANY COMPANY, IMPACTS ON THE WHOLE INDUSTRY