



November 3 – 6, 2024
Bangkok, Thailand

SCHEDULE

All times are approximate and are subject to change due to weather, traffic, and other unforeseen delays.

Sunday, November 3, 2024

Lunch on Your Own

1245 | 12:45 p.m.

Meet in Lobby for Tour

1300 – 1700 | 1:00 p.m. – 5:00 p.m.

Tour of Bangkok

Discover the magic of Bangkok on an enchanting river cruise with your Perlite Institute colleagues. Glide along the iconic Chao Phraya River, where ancient temples and vibrant life intertwine. Immerse yourself in the city's rich tapestry as you pass traditional houses and bustling markets. Witness the grandeur of Wat Arun, the Temple of Dawn, and the awe-inspiring Pak Nam Temple, home to the colossal Big Buddha. This leisurely journey offers a unique perspective on Bangkok's captivating blend of history, culture, and natural beauty.

1830 – 2000 | 6:30 p.m. – 8:00 p.m.

Registration and Reception

Monday, November 4, 2024

Breakfast on Your Own

0830 – 0900 | 8:30 a.m. – 9:00 a.m.

Registration

0900 – 0915 | 9:00 a.m. – 9:15 a.m.

Welcome and Introductions

0915 – 1015 | 9:15 a.m. – 10:15 a.m.

Preventative Maintenance Discussion

*Chuck Vogelsang, Technical and Operations Consultant,
Perlite Institute*

Perlite ore and expansion plants are similar and have the same Preventative Maintenance requirements. In this workshop, coordinated by industry veteran, Chuck Vogelsang, we will collaborate and define which pieces of equipment require regular upkeep, and on what usual time scale.

We will discuss valves, transfer equipment, furnaces, packers amongst other items.

1015 – 1030 | 10:15 a.m. – 10:30 a.m.

Break

1030 – 1115 | 10:30 a.m. – 11:15 a.m.

Nippon Express NEC Logistics (Thailand) Co. Ltd.

1115 – 1130 | 11:15 a.m. – 11:30 a.m.

Break

1130 – 1215 | 11:30 a.m. – 12:15 p.m.

Specialty and New Applications Committee Workgroup

1215 – 1230 | 12:15 p.m. – 12:30 p.m.

Brochure Committee Workgroup

1230 – 1330 | 12:30 p.m. – 1:30 p.m.

Lunch

1330 – 1415 | 1:30 p.m. – 2:15 p.m.

Statistical Process Control (SPC) – Work Smarter Not Harder

*Chuck Vogelsang, Technical and Operations Consultant,
Perlite Institute*

Many operators in the perlite industry, though dedicated, lack the data analysis skills needed to optimize processes. By implementing Statistical Process Control (SPC) and providing basic training, we can empower them to:

- **Identify abnormal variations:** Detect trends and patterns that signal process issues
- **Make data-driven decisions:** Implement changes based on evidence, not intuition or single measurement
- **Improve efficiency and reduce costs:** Streamline operations and minimize variation
- **Enhance product quality:** Ensure consistent performance and meet customer expectations.

This presentation will provide practical guidance on:

- **Constructing and interpreting run charts:** Visualizing process data over time.
- **Applying essential data analysis rules:** Identifying patterns and anomalies.
- **Creating control charts:** Setting limits for process variation and monitoring performance.
- **How to develop control limits:** Determining upper and lower bounds for averages and ranges.

By equipping operators with these tools, the perlite industry can drive significant improvements which reduces costs and improves product consistency.

1415 – 1430 | 2:15 p.m. – 2:30 p.m.

Break

1430 – 1515 | 2:30 p.m. – 3:15 p.m.

Exploring Emerging Perlite Applications in Agriculture, Plastics Industry and Environmental Protection

Dr. Panos M. Angelopoulos, Research, Technical and Marketing Consultant, Perlite Institute

This presentation will delve into emerging applications that have been identified during the last year. These applications include the use of perlite as bedding material on poultry and dairy cattle, as filler in 3D printing and plastics, and for environmental odor control. This session will explore the state-of-the-art use of perlite in such applications, highlighting its advantages, current level or scale of application, and areas for improvement to enhance its marketability.

1800 – 1930 | 6:00 p.m. – 7:30 p.m.

Reception

Tuesday, November 5, 2024

0900 – 0915 | 9:00 a.m. – 9:15 a.m.

Breakfast on Your Own

0915 – 1000 | 9:15 a.m. – 10:00 a.m.

Welcome

Regenerative Liner Cooling and Other Ways to Reduce Gas Consumption, CO2 Emissions and Their Benefits

Leonid Simbiriatin, CEO and founder, MANNULUS B.V.

In conditions of intense competition and high energy prices, issues of fuel economy and associated costs in the production of perlite have become more relevant than ever.

The report presents the theoretical basis of methods for reducing gas consumption and CO2 emissions and practical ways of their implementation. The new approach makes it possible to reduce fuel consumption and carbon footprint by approximately 20% using affordable means.

1000 – 1030 | 10:00 a.m. – 10:30 a.m.

Membership Committee Workgroup

1030 – 1045 | 10:30 a.m. – 10:45 a.m.

Break

1045 – 1115 | 10:45 a.m. – 11:15 a.m.

Construction Committee Workgroup

1115 – 1230 | 11:15 a.m. – 12:30 p.m.

TBD

1230 – 1330 | 12:30 p.m. – 1:30 p.m.

Lunch

1330 – 1400 | 1:30 p.m. – 2:00 p.m.

Annual Business Meeting

1400 – 1445 | 2:00 p.m. – 2:45 p.m.

Horticulture Committee Workgroup

1445 – 1500 | 2:45 p.m. – 3:00 p.m.

Break

1500 – 1615 | 3:00 p.m. – 4:15 p.m.

Ore Producers Panel

1800 – 2100 | 6:00 p.m. – 9:00 p.m.

Annual Dinner

Wednesday, November 6, 2024

Add-On Tour

0830 – 1600 | 8:30 a.m. – 4:00 p.m.

Damnoen Saduak Floating Market and Maeklong Railway Market

Discover the enchanting world of Thailand on this unforgettable full-day adventure. Cruise through the vibrant Damnoen Saduak Floating Market, where colorful boats laden with fresh produce and local delicacies create a sensory overload. Enjoy lunch and then witness the breathtaking spectacle of the Maeklong Railway Market, as vendors skillfully maneuver their stalls to avoid the oncoming train.