

Sanitary Equipment and Facility Design PDG

Attendees: John Merenick (Chair), Rick Stokes (Vice Chair-Elect), Hamada Aboubakr, Angela Anandappa, Elizabeth Bach, Daniel Bair, Kristina Barlow, Rick Barney, Thomas Bell, Greg Bertsch, Steve Blackowiak, David Blomquist, Richard Brouillette, Marlita Burford, Carmen Cantú, Erdogan Ceylan, Claudia Coles, Mark Davis, Elizabeth Demmings, Alejandro Echeverry, Tom England, Elsa Fakhoury, Peyman Fatemi, Aliyar Fouladkhah, Andy Freer, Chad Galer, Mike Garrison, Vinayak Ghate, Rolando Gonzalez, Peggy Good, Sarah Gooding, Nancy Gushing, Margaret Hardin, Dennis Harp, Edwin Hernandez, John Holah, Richard Huang, Sanghyup Jeong, Amit Kheradia, Jeffrey Kornacki, Mark Kreul, Mahipal Kunduru, Alison Lacombe, Joe Legrand, Joanne Lim, Tony Little, Rachel Mcegan, Ann Marie Mcnamara, Michael Michel, Rob Middendorf, Nathan Miller, Pat Millner, Nathan Mirdamadi, Paul Mitchell, Ana Monge Brenes, Eric Moorman, Gerardo Morantes, Marcia Murphy, Steve Murphy, Nadia Narine, Eric Perez, Matt Petrash, Gale Prince, Mingyu Qiao, Jerry Reeves, Amy Rhodes, Robert Roe, Evan Rosen, Timothy Rugh, Allen Saylor, Michele Sayles, Arlette Shazer, Anna Starobin, Steve Stephens, Trevor Suslow, Vince Tallaje, Theresa Thompson, Daniel Vassar, Dave Wankowski, Paul Winniczuk, and Kris Young.

Number of Attendees: 81.

Meeting Called to Order: 3:15 p.m., Sunday, July 21, 2019.

Minutes Recording Secretary: Shiyun Yao – Student Liaison.

Old Business:

- No updates from the communication board. Board would instead suggest the PDG group start using the IAFP connect session on IAFP website.
- Minutes from last year meeting:
 - Minutes approved from 2018 meeting.
- Speakers at PDG Meeting.
- Dave Cook – President – Commercial Quality and Food Safety Solutions:
 - “Observation in sanitary design updates” – quality food safety, observation on sanitary design.
 - Special situation and crisis management.
 - Timing – issues to do extra cleaning or redesign.
 - “Non-partisan” – fighting fares/get involved in design/validation.
 - Cost.
 - Sanitation validation: run, clean, sample (6 month after set-up) – “deep dive” will pay off.
- Chad Galer – Director of Food Safety at Dairy Management Group.
 - Food safety action platforms.
 - Dairy plant food safety workshop brief description.
 - Website for more information.
 - <https://www.usdairy.com/foodsafety>.
- John Holah – Technical Director – Holchem Laboratories: An update on GFSI Facility &

Equipment Hygienic Design Working Group.

- To develop hygienic design elements to the GFSI requirement – covering food processing equipment and food processing/handling facilities from farm to fork.
- Facility/equipment hygienic cycle:
 - Design/risk assessment/assessment criteria.
 - Implications:
 - Asking food manufacturers to take risk assessment.
 - Expectation within designers to have multidisciplinary team to design/ assess.
 - Mitigate any safety risk.
 - Hygienic rather than maintenance-based equipment.
- Defining a common language to come to hygienic design solutions.
 - Five categorizations of zones.
- Update on current Vice Chair Dimitrios Tavernarakis: he has recently changed jobs in the industry and was unable to attend this years IAFP meeting. John Merenick did reach out to him to ensure he could take over as Chairperson at next years meeting. He had not responded back as of this time. In the event that Dimitrios could not serve as Chairman, John Merenick stated he would stay on as Chairman for one more year to help with the transition of the PDG group.
- New Vice Chair election – With the unknown of Dimitrios status, the PDG group decided to open the floor to nominations for a new Vice Chairperson. Rick Stokes volunteered to accept the nomination of Vice Chairperson. A recommendation will be made to the IAFP board.
- Reminder: Proposals for the IAFP 2020 Annual Meeting are due October 1, 2019.

New Business:

Symposia ideas for 2020 Annual Meeting:

1. Legacy of equipment – Discussion by Charles Giambrone, Steven Sims, Evan Rosen, David Blomquist, Duanne Grassmann, John Holah, Jeff Kornacki, and Paul Mitchell.
 - How to resolve the food budget and expense? How to justify money to replace equipment? Different people to look at from purchases and other perspectives.
 - Get OEM involved to deal with legacy of equipment; case studies; what to do with the old equipment that is functional.
 - FSMA with legacy of equipment: time, cost and extra management; more than the risk; compliancy in the law; food manufacturer to put time and cost and continue to put money to keep it running.
 - Show equipment that get paid back within 2–3 years and show that to the investors.
 - Teach people how to communicate cost to replace equipment.
 - How to convert the numerical numbers to a one-, two-year plan and how to solve the dilemma.

- KPI and ROI: qualitative standard of risk that associated to the plants.
 - Food spoilage issues: equipment design and maintenance (budget).
 - Legacy of equipment: what is the age of the equipment? More of maintenance of the equipment
not just the years of use; what are the sanitation design force instead of engineering design we are willing to put and invest?
 - “What is not done in the program” is more of problem. The argument to be made: we can calculate performance and correlate to microbial risk (more money in or save money).
 - Who would like to develop the ideas into symposium?
2. Hygienic zoning (a suggested webinar): Duanne Grassmann offered slides from previous presentation for webinar.
 3. Safety – Guarding and employee safety – Discussion to help Food Hygiene and Sanitation on this idea.
 4. Cleaning chemicals compatibility with equipment finishes. Newer chemicals with newer finishes. Webinar idea – Duanne Grassmann and David Bloomquist to submit webinar.
 5. GFSI and Sanitary Design – Webinar idea – Amit Kheradia to help lead project.

Recommendation to the IAFP Executive Board:

1. The Sanitary Equipment and Facility Design PDG recommends the Executive Board recognize the election of Rick Stokes as Vice Chair starting at IAFP 2019.
2. The PDG recommends the Executive Board extend John Merenick as Chairperson until just prior to IAFP 2021.
3. Review scheduling of PDG meetings for 2020 Annual Meeting. Many conflicts in 1:00 p.m. and 3:15 p.m. time slots if members want to attend similar PDG meetings.

Next Meeting Date: August 2, 2020, Cleveland,

Ohio. **Meeting Adjourned:** July 21, 2019 at 5:00

p.m. **Chairperson:** John D. Merenick.