



AMERICAN SOCIETY OF
SAFETY PROFESSIONALS

Sharing Best Practices on Managing COVID-19 in Industrial Settings

Benchmarking

Hosted By: ASSP Environmental Practice Specialty

Agenda Overview

- Today we will look at what various companies are doing, the challenges they have faced and what they are planning for the future.
- Present by industry:
 - Jessica Jannaman – Dura Automotive Systems
 - Josh Asiedu – S&C Electric Company
 - Dylan Gaudineer - BASF
 - Jeff Camplin – Remediation Consulting
- Best Practice Sharing / Open Questions for EnvPS Members /Q&A



DURA®

Jessica Jannaman
Innovation & Development Chair
Environmental Practice Specialty



A little bit about myself | Jessica Jannaman



- MS| Oakland University
- Lean Black Belt | Oakland University



- FCA | Stamping| Powertrain | Assembly
- Global Experience
- Past President, ASSP Greater Detroit Chapter
- Oakland University Adjunct Professor

Advanced Safety &
Engineering

Auditing & Management
Systems

Team Facilitator

Pre-Production
Launch Activities

10
YEARS

13 OEM Plants
43 Tier 1 Plants



Facts & Figures

DURA

 **\$1.4 BILLION SALES**
*2018 DURA and GAS

 **9,400 EMPLOYEES**

 **31 MANUFACTURING LOCATIONS**

 **14 COUNTRIES**
* Includes Tech Centers

DURA is inspired to play a significant role in the evolution of mobility. As vehicles transform to lightweight and electric architectures, our focus on disruptive technologies will enable superior performance and value creation.



Challenges



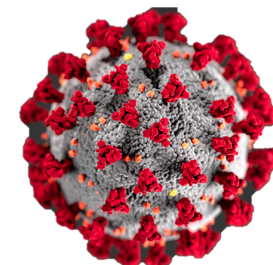
Yesterday

- PPE
- Pinch Points
- Lacerations



Today

- Screenings
- Supplies
- Disinfection



Approaches for COVID-19

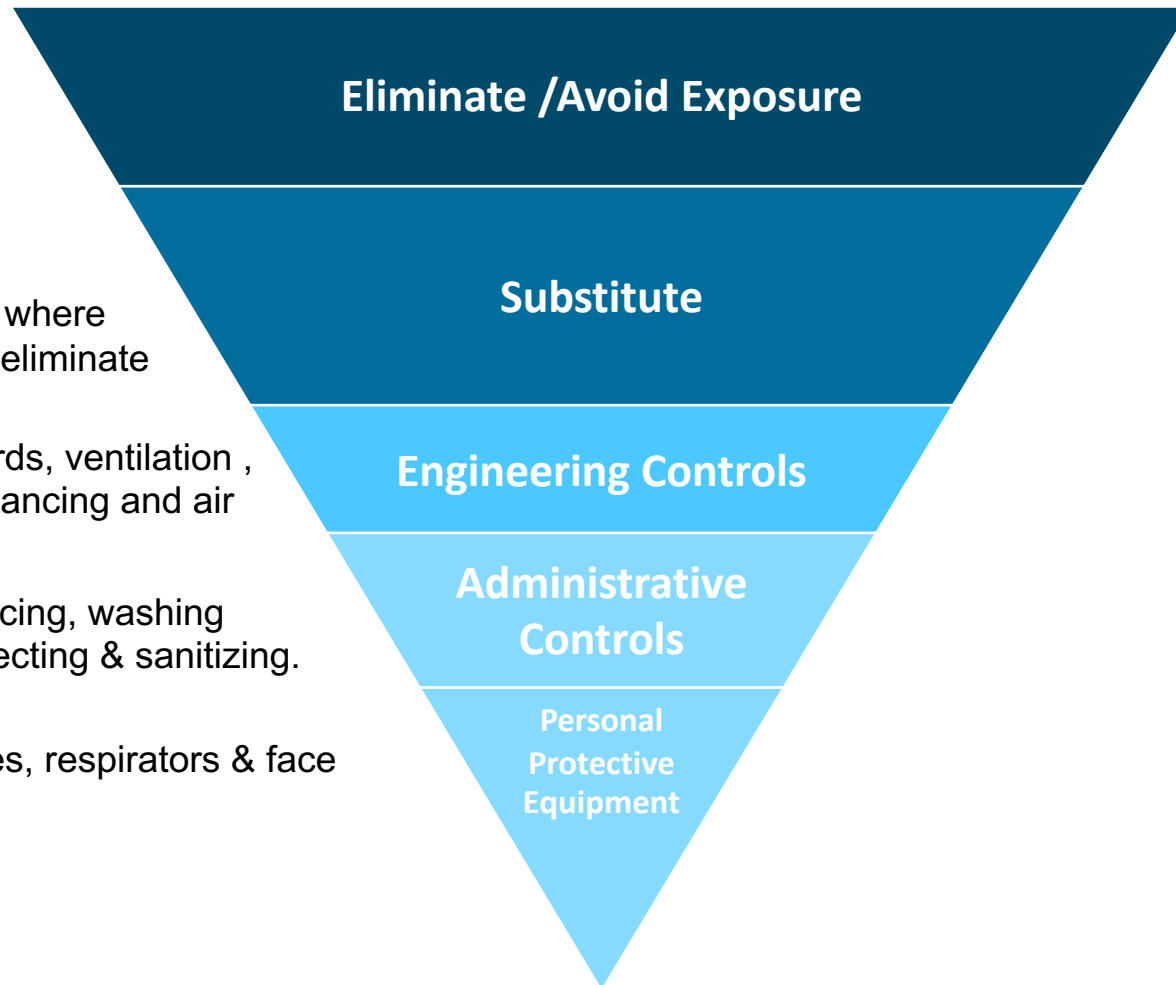
Limit the number of people in the plants.

Use video conferencing where possible and eliminate meetings.

Physical guards, ventilation, designed distancing and air circulation.

Social Distancing, washing hands, disinfecting & sanitizing.

Masks, gloves, respirators & face shields.



Area	Task Type & Activity	Hazard Detail	Risk Level	Control(s)	Risk Reduction With Controls
Facility Use	General Use	Spread through droplets (sneezing/coughing) and contact of surfaces.	HIGH	Screening prior to entering the building	MEDIUM
Bathrooms	General Use	Bathrooms: Potential exposure to COVID-19 through use of the bathrooms.	HIGH	Detailed disinfection, hand-soap and visuals.	MEDIUM
Break Areas & Canteens	General Use	Spread through contact of tables, microwaves, refrigerators and sinks.	MEDIUM	Detailed disinfection, hand-soap and visuals.	LOW
Time Clocks	General Use	Spread through contact of time clock.	HIGH	Hand sanitizer at time clock and wipes for before use.	MEDIUM
Areas Less Than 6-feet (2-meters) From One Another	Assembly & Production	Spread through droplets (sneezing/coughing) and contact of surfaces.	MEDIUM	Employee checklists, disinfectant and masks. Dividers where possible.	LOW
Combined Work Cells	Handoff	Spread through droplets (sneezing/coughing) and contact of surfaces.	MEDIUM	Employee checklists, disinfectant and masks. Dividers where possible.	LOW
Office Areas	General Use	Spread through droplets (sneezing/coughing) and contact of surfaces.	MEDIUM	Detailed disinfection, hand-soap and visuals. Dividers.	LOW
Conference Rooms	General Use	Spread through droplets (sneezing/coughing) and contact of surfaces.	HIGH	Limited seating and amount of people. Audio conferencing encouraged. Wipe downs required after use.	MEDIUM
Shared Tablets, HMIs & Kiosks	General Use	Spread through contact.	HIGH	Rubbing alcohol and wipes for before use.	LOW



Approaches for COVID-19

DURA EHS&E



Table of Contents:

SECTION 1: Facility Preparedness

1. Assessment of Risk
2. Inventory of Supplies
3. Screening Locations
4. Entrances
5. Communal Areas
6. Conference Rooms & Meetings
7. Visual Management & Barriers

SECTION 2: Employee Screening

1. Means of Screening
2. Talking Points to Deliver

SECTION 3: Employee Education

1. Personal Protective Equipment
2. Hygiene
3. Disinfection & Sanitation
4. Influencing Habits at Home & Community

SECTION 4: Operations

1. Safety Observation Tours
2. Employee Verifications
3. Logistics Areas
4. Facility Checklists
5. Continual Inventory of Supplies

SECTION 5: COVID-19 Incidents

1. Protocol for Scenarios

SECTION 6: Tools & Appendices

1. ProcessMAP
2. Mobile Applications
3. Templates



Limit the number of people in the plants.
Use video conferencing where possible and eliminate meetings.
Physical guards, ventilation, design, distancing and air circulation.
Social Distancing, wearing masks, disinfecting & sanitizing.
Masks, gloves, respirators & face shields.




DURA SAFE

WASH WELL TO STAY WELL



1. USE SOAP
2. PALM TO PALM
3. BACK TO PALM
4. FINGERS INTERLACED
5. BASE OF THUMBS
6. FINGERNAILS
7. WRISTS
8. RINSE HANDS
9. DRY HANDS

DURA SAFE

CONFERENCE ROOM RULES

RULE #1: Ask the question "Can this meeting be done remotely?"


RULE #2: If the meeting must be done in-person, no more than 10 people in a conference room at a time.

RULE #3: Maintain 6-feet (2-meters) between all participants at any point and time.

RULE #4: The host of the meeting must wipe down the conference room before **AND** after use.

RULE #5: Request that masks are worn during meetings.

RULE #6: When possible, keep doors and windows open to allow ventilation

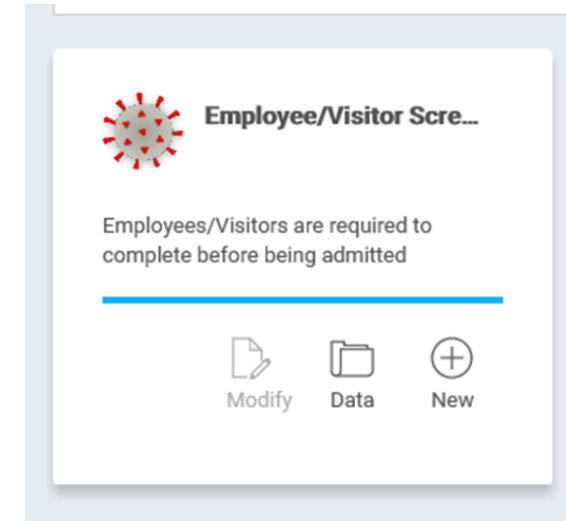


DURA SAFE



The Future

- Looking at employee health and wellness more in-depth.
- Integrating disinfection and sanitation as a part of health and safety.
- Continual progression and succession with protection of worker health – the new norm.



Shift Checklist ▾

Shift

ProcessMAP Disinfect workstation before shift

Disinfect workstation after shift

Do you have enough disinfectant in your bottle and wipes for the next shift?

Does your bottle have a chemical label?



Josh Asiedu
Social Media Chair
Environmental Practice
Specialty



S&C Electric Company Overview

- Assistant Manager- Global HSE at the corporate office in Chicago, IL
 - S&C specializes in the switching, protection, and control of electric power systems. Our solutions are an essential part of the electrical grid that brings power to homes and businesses.
 - Aids in managing a Global HSE team to ensure compliance and consistency across all engineering offices and manufacturing facilities in Chicago, Illinois; Franklin, Wisconsin; Alameda, California; Duvall, Washington; and Orlando, Florida. S&C subsidiaries operate in Toronto, Canada; Wales, United Kingdom; Melbourne, Australia; Suzhou, China; Curitiba, Brazil; and Aguascalientes, Mexico.



Talk about past challenges and current challenges

- Pandemic preparedness plans
 - Implementation at various site levels incorporating the global company requirements & federal/local requirements
 - Handling the changes in expectations and protocols from day to day week to week and at times by the hour
 - Transparency of information sharing with all team members
 - Identifying the “essential” contractors and visitors for business continuity
 - Managing moral of “essential employees”
 - Certain employees allowed to work from home while operations personnel expected to be at work
 - Additional responsibilities-especially for Leadership
- Managing critical supplies
- PPE/N95 masks/gloves
 - Hand sanitizer
 - Face shields



Describe what approaches you are taking for COVID-19

- Site entry screening at most locations
 - Restricted to one door only
 - IR non-contact thermometer reading
- Surveys sent out to all employees, visitors and contractors to self-identify
- Daily update meetings/messages from multiple levels in organization
- Consistent education on strategies to reduce infection risk at work/home and how to use equipment such as respirators/masks
- Corporate Pandemic Crisis Team established to provide one source of communications
- Use of Microsoft Teams for most meetings
 - Limiting in person meetings and restricting them to less than 5 people
- In house manufacturing of critical supplies such as: masks, hand sanitizer, disinfectants
- Mandatory cleaning schedules for all team members
- Limiting travel throughout buildings at our sites



What does the future look like and what would you like to learn from others?

- Balancing the safety and health of our employees with meeting customer demands, safety and health will always value rather than just prioritize
- Continually improving upon ways to manage visitors and contractors
- Increase the amount of training to maintain heightened awareness by conducting sessions such as: microlearning, online assignments, etc.





Dylan Gaudineer, CSP
Membership Chair
Environmental Practice Specialty



BASF Overview

- EHS Specialist for three BASF Manufacturing Sites within the Agricultural Business Division
 - Ames, Iowa- Functional agricultural seed coating and horticultural colorants
 - Saint Joseph, Missouri- Rhizobium Liquid Inoculants supplied to North America, South America, and South Africa for Soybeans, Peanuts, and Peas (Legumes). Largest liquid inoculant production site for BASF
 - Caldwell, Idaho- Applies functional agricultural seed coatings to alfalfa seeds



COVID-19 Challenges

- Pandemic preparedness plans
 - Implementation at site level incorporating the global company requirements & federal/local requirements
 - Handling the changes in expectations and protocols from day to day week to week
 - Information sharing inside and outside the organization
 - Identifying the “essential” services/visitors for business continuity
- Managing moral of “essential employees”
 - Certain employees allowed to work from home while operations personnel expected to be at work
 - Additional responsibilities means additional risk for certain employees (site entry screening)
- Managing critical supplies
 - PPE/N95 masks/gloves
 - Cleaning materials/Disinfectants
 - Non-contact thermometers



Response to COVID-19

- Site entry screening
 - Questionnaire for all employees and visitors every day to gain entry
 - IR non-contact thermometer reading
 - Entry into site has been restricted to one door only
- Routine update meetings/messages from multiple levels in organization
- Consistent education on strategies to reduce infection risk at work/home and how to use equipment such as respirators/masks
- North American Pandemic Crisis Team established to provide one source of communications
- Limiting in person meetings and restricting them to less than 10 people
- Sharing of critical supplies across all BASF sites
- Providing accommodating options for employees, especially those considered high risk or that care for high risk family members
- Constant preparation for elevated levels of controls (Levels 1-4)



Path Forward

- Managing the situation day by day with direction from the NA Crisis support team, provide a unified voice to our teams
- Balancing the safety and health of our employees with meeting customer demands, safety and health will always be priority #1
- Continue finding ways to positively impact moral of employees (catered lunches, personalized leadership thank you messages for employees that are still physically on the job, etc.)





Camplin Environmental Services

Jeff Camplin, MS, CSP, CIT, CPEA
Former Administrator
Environmental Practice Specialty



Jeffery Camplin, CSP, CIT, CPEA President, Camplin Environmental

- Provide safety & environmental consulting and training
 - Primarily doing work in asbestos, lead-paint, and IAQ/mold
 - Also provide site specific safety programs and exposure assessments for the construction industry
 - USEPA asbestos and lead abatement training for over 30 years
 - Masters in Safety and Emergency Management
 - Volunteered with the Illinois Medical Emergency Response Team as Chief Safety Officer
 - Currently providing consulting and training to remediation companies and building owners performing COVID-19 response/cleaning.



Fear vs. Facts

HIV, Asbestos, Lead Paint & COVID-19

- Was a safety officer in a hospital in 1980s when HIV hit. Taught BBP for Red Cross
 - Learned universal precautions
 - Learned F-E-A-R!
- Was one of the first licensed asbestos professionals in Illinois in 1986.
 - Learned invisible hazards can kill you but can also be controlled.
- Started my consulting firm in 1990 when lead paint became heavily regulated.
 - Learned the importance of routes of exposure.
 - Learned importance of good hygiene and cleaning practices.
- Currently teaching COVID-19 cleaning
 - Learned common sense can be taught on what is uncommon



COVID-19: Utilizing my body of knowledge

- Learn to overcome the “fear”
 - Communicating basic information on how the virus operates
 - Key take-away: Not living but not dead – and not like bacteria.
- Understand the routes of exposure... think lead dust/fumes
 - Airborne if you are within close proximity to source (cough or sneeze)
 - Exposure most likely is hand to face contact after virus settles
- Know where to apply universal precautions
 - Commonly touched surfaces (door knobs, buttons, desks, faucets, etc.)
- Demonstrate proper hygiene and special cleaning techniques
 - PPE is typically used for peace of mind and/or public relations



Be Proactive... Not Over-Responsive

- Learn to address the hazards... Calm the F-E-A-R
 - ANSI A10-49 “Identifying health hazards”
- Provide solid awareness training
 - Knowing what not to do is just as important as knowing what to do.
 - Teach workers “how to fish” – the why is just as important as the what
- Implement common-sense and effective universal precautions when the hazard is invisible
- Mandatory PPE is typically not necessary for most.



Environmental Practice Specialty (EnvPS)

Why Join EnvPS?

- Networking with top environmental safety professionals
- Discounts on group-sponsored webinars and conference presentations



For Info or to Join:

www.assp.org, Practice Specialties, Environmental Administrator: Herbert Bell, hbell@iess-safety.com



Q&A

- Continue the Discussion on ASSP Online Community
 - Questions
 - Bests Practices
 - Comments

[COVID-19 Discussion Board](#)