

The Deer Park LEPC is a cooperative partnership between community, government, emergency response agencies, businesses, and industry striving to promote and maintain public health and safety by preparing for hazardous materials-related incidents as part of a comprehensive community program. Our goal is to protect citizens and the environment by providing hazard awareness education, training exercises, emergency response plans and an emergency notification system.

DEER PARK LOCAL EMERGENCY PLANNING COMMITTEE

AGENDA

OF

A MEETING OF THE DEER PARK LOCAL EMERGENCY PLANNING COMMITTEE TO BE HELD AT THE DEER PARK CITY HALL, 710 E. SAN AUGUSTINE, DEER PARK, TEXAS, ON FEBRUARY 26, 2019 BEGINNING AT 11:00 A.M. TO DISCUSS THE FOLLOWING BUSINESS:

Pledge of Allegiance

Introductions

Company Overview – Lubrizol

Public Comments on LEPC Mission/Function (3 minute time limit)

Minutes – January 2019

Financial Report – February 2019

Committee Reports

Executive Committee

Plant Manager's Breakfast

Communications

Review any and all Level 2 and Level 3 incidents

Company Alarm "Testing Schedule Update"

Community Awareness

2019 Volunteer Opportunities

2020 Calendar

Emergency Response/Transportation

2019 Drill

New Business

Meeting Schedule 2019 – Mar. 26, Apr. 23, May 28, June 25, Aug. 27, Sept. 24, Oct. 22, Dec 3

A handwritten signature in black ink that reads "Shannon Bennett". The signature is written in a cursive style with a large initial "S".

Shannon Bennett, TRMC

Deer Park LEPC Secretary/Treasurer

Posted February 21, 2019

TO: Deer Park LEPC

14-27

SUBJECT: Minutes February 26, 2019

CALL TO ORDER

Vice-Chairman Mark Turvey called the meeting to order at 11 a.m. and led members in the Pledge of Allegiance.

INTRODUCTIONS

Self-introductions by present membership, with no visitors.

COMPANY OVERVIEW

Company Overview – The company overview was presented by Mark Turvey of Lubrizol. The highpoints of his presentation included, 1) What Lubrizol Is, 2) What Lubrizol Does, an Understanding of the Company and 3) Lubrizol’s Emergency Response Capabilities. A specialty chemicals company, founded in 1928, Lubrizol’s corporate offices are in the Cleveland, Ohio area. The Deer Park site started in 1951 and the Bayport site in 1969. Deer Park and Bayport are two of the main manufacturing facilities for the company. Deer Park site being the largest within the entire corporation. Lubrizol, one of twenty-nine companies, is a founding member of CIMA, since 1955. (Exhibits A1-A9)

PUBLIC COMMENTS ON LEPC MISSION/FUNCTION (3 MINUTE TIME LIMIT)

None given.

COMMITTEE REPORTS

Executive Committee, Mark Turvey, Vice-Chair reported on behalf of Jay Stokes in his absence – “The Executive Board has had a lot of discussion lately as to how we can improve the LEPC. The LEPC’s on the Ship Channel are known worldwide for being trendsetters and a model for the rest of the nation. We want to stand up to that and if there is something you think that we can do better, we would certainly like your input because we want to slam-dunk this, and be recognized. We intend on sharing with other local LEPC’s on best practices. We’re working with other LEPC’s on drill practices that we’ll see some value from. We participate in several events throughout the year to engage the public in understanding what our mission is and what we do. Your feedback is very important to us.”

MINUTES

Motion was made by Don Davis and seconded by Trilby Cressman to accept the minutes of January 22, 2019. Motion carried unanimously.

FINANCIAL REPORT

Motion was made by Christina Perez and seconded by Kevin Machemehl to accept the financial report of January 22, 2019. Motion carried unanimously.

Communications Chair, Robert Hemminger reported –

Plant Manager's Breakfast – The Annual Plant Manager's Breakfast will be held here in the Council Chambers on Tuesday, March 5th at 7:30 a.m. Plant managers and LEPC members are invited to attend.

Review of Level 2 and Level 3 Incidents – Diana Henk with Shell gave a report on a Level 2 incident on January 29, 2019, at approximately 3:30 a.m., a fire occurred inside a furnace at the Shell Deer Park site. The fire caused visible smoking that moved across Highway 225 into the community. February 6, 2019, Shell experienced an unplanned flaring activity due to a Process Unit Upset. We took steps to minimize any smoke or flaring associated with this event. There was no danger to the surrounding community or our industry neighbors.

Update on Whelen Siren System Project – The first of the Whelen Siren Project is budgeted this year and a purchase order has been submitted to Crosspoint. The three towers that are the most problematic and the dispatch equipment will be done this year.

Company Alarm "Testing Schedule Update" – "We encourage all industries to submit your alarm schedules so we can give this to dispatch and also post it on our website."

Community Awareness Chair, Christina Perez reported –

2019 Volunteer Opportunities – "We're looking for volunteers for this year's community events to insure that the community is happy with industry. We're looking for all industries to volunteer at least once during the year at these events."

2020 Calendar – "We'll be highlighting the City facilities and we'll be meeting at 10 a.m. before the next general meeting."

Emergency Response/Transportation Chair, Kevin Machemehl reported –

2019 Drill – "We had a meeting for the drill that's coming up on May 1st. We will be doing a full combination drill with everyone involved in it later in the year and we will have CIMA involved. This is building up to the 'everybody on deck' type of drill and again, that will be later in the year. As we get closer to the May 1st deadline, we'll be meeting more frequently."

NEW BUSINESS

Shannon Bennett reminded members that the Tier II reports are due on March 1st.

ANNOUNCEMENTS

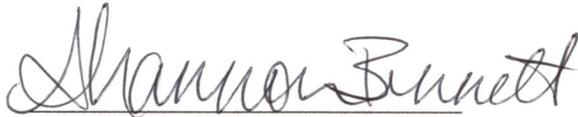
Dena Mahan announced the La Porte LEPC Golf Tournament coming up and sponsorships that are available.

NEXT MEETING

Mark Turvey announced the meeting dates of March 26th, April 23rd, May 28th, June 25th, August 27th, September 24th, October 22nd and December 3rd.

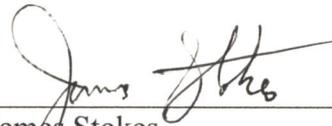
Meeting adjourned at 11:56 a.m.

ATTEST:

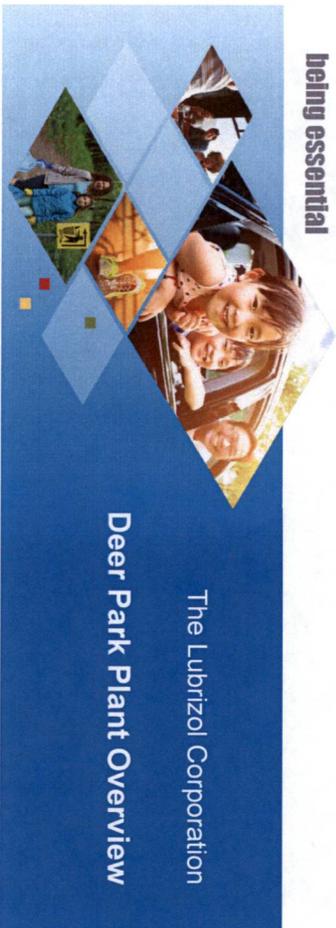


Shannon Bennett, TRMC
Secretary/Treasurer

APPROVED:



James Stokes
Chairman



Lubrizol
The Lubrizol Corporation

- Specialty chemical company founded in 1928 in Cleveland, Ohio
- Operating with these business segments:
 - Lubrizol Additives
 - Lubrizol Advanced Materials
- We became a wholly owned subsidiary of Berkshire Hathaway in 2011

Lubrizol Additives:
Manufacturing, Blending, and Bulk Storage



Lubrizol
Lubrizol Commitments

A Sustainable Approach to Business

- Set goals and action plans through 2020 to minimize environmental footprint
- Apply guiding principles of American Chemistry Council's Responsible Care® initiative as a foundation on a global basis
- Adhere to REACH, the European Community's regulation on chemicals and their safe use

Employee Health and Safety

- Committed to maintaining the health and safety of our employees, customers and neighbors
- Committed to reducing our worldwide injury and process safety incident rates
- Set annual goals and action plans to drive additional improvements

Committed to Being a Good Neighbor

- Encourage employees to volunteer – and reach out to our neighbors across the globe
- Support youth, education, science and human service organizations
- Essential for our customers' success and our growth strategy; allowing us to be an employer of choice

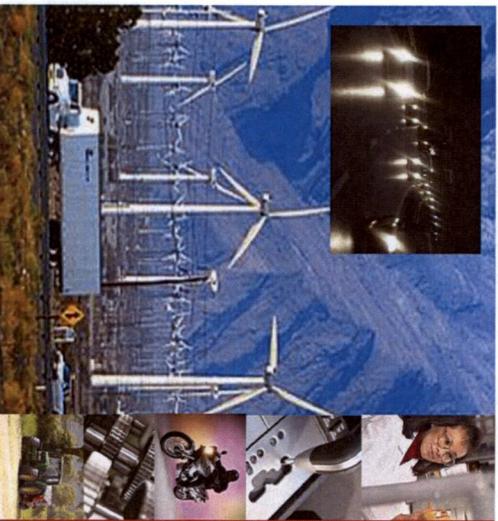


Lubrizol Additives: Texas Plants

| | Deer Park | Bayport |
|--------------|--|------------------------------------|
| Operational: | 1951 | 1969 |
| Location: | 18 miles east of Houston; near ship channel | 10 miles southeast of Deer Park |
| Acreege: | ~350 | ~100 |
| Employees: | ~645 | 107 |
| Contractors: | 285 | 42 |



Lubrizol Additives



Protect surfaces from wear

Reduce emissions

Reduce friction

Prolong Lubricant life

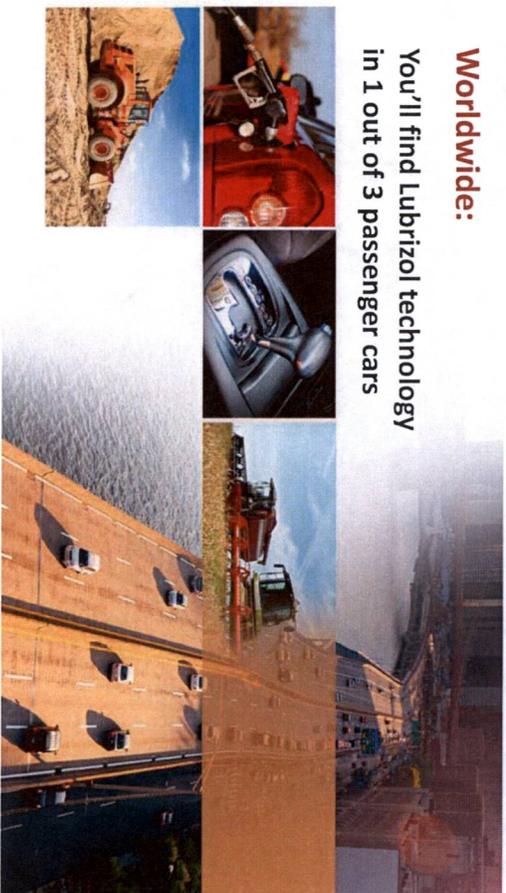
Reduce effects of contaminants



Lubrizol Additives

Worldwide:

You'll find Lubrizol technology in 1 out of 3 passenger cars



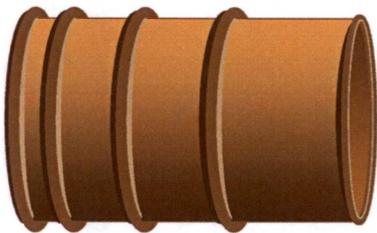
Lubrizol Additives

- Every fluid in your car has our chemistry in it:
 - Motor oil
 - Transmission fluid
 - Power steering fluid
 - Brake fluid
 - Differential oil
 - Various greases / lubricants
- Largest engine test lab in the world





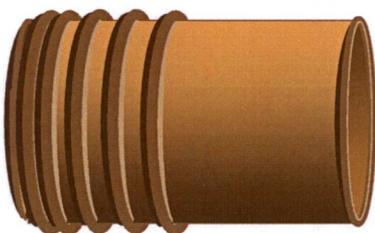
Formulating an Engine Oil Typical Motor Oil Composition



- Base Oils
- Performance Package
- Viscosity Modifier
- Pour Point Depressant



Formulating an Engine Oil Additive Company Perspective



- Dispersant
- Detergent
- Diluent Oil
- Antiwear Agent
- Ashless Inhibitor
- Friction Modifier

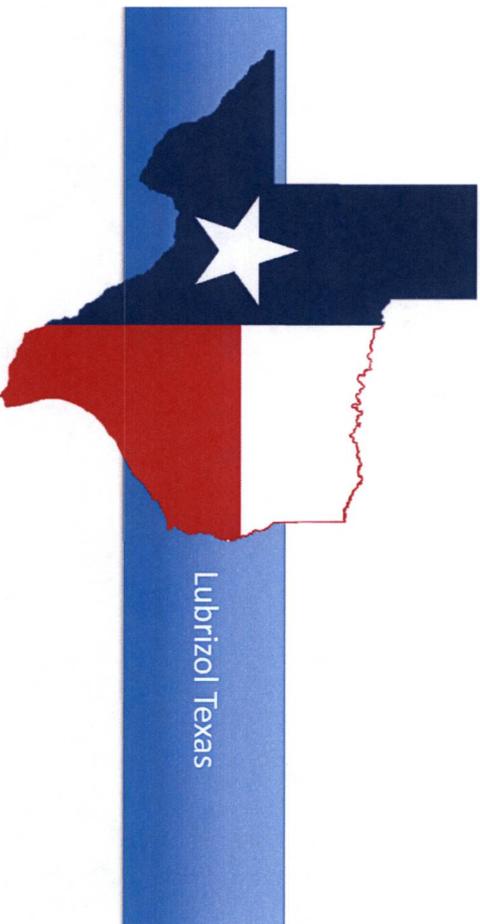


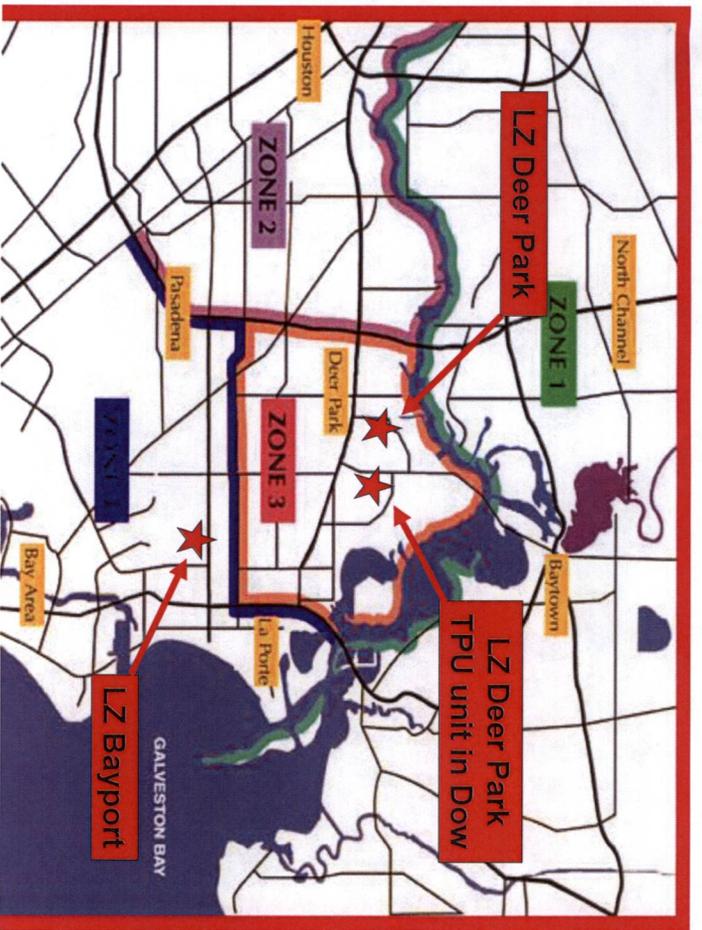
The Lubrizol Corporation

- Global specialty chemical company
- We don't put our name on finished engine oil products
- Masters of intermediate chemistry
- Market leader in lubricant additives
- We sell to every major oil company
- Mixture of batch & continuous flow
- Most all of our tankage is small
- Raw materials & finished products move by tank trucks and rail cars



Lubrizol Texas





LUBRIZOL DEER PARK PLANT



- Lubrizol is a founding member
- 5 chairmen over the years:
 - 1980 Archie Slaughter
 - 1986 Richard Crawley
 - 2000 Rick Deel
 - 2009 Stephen Greco
 - 2016 Mark Turvey
- Lubrizol Deer Park in Zone 3
- Lubrizol TPU in Dow La Porte Zone 3
- Lubrizol Bayport in Zone 4
- BP hosted 2004 Zone 4 Drill
- DP co-hosted 2006 Zone 3 Drill
- Mark Turvey & Robert Campise
 - CIMA Specialists



LUBRIZOL BAYPORT PLANT



Deer Park Fire Protection Equipment

- Sprinkler / Deluge Systems = 88
- Clean Agent Systems = 4
- Hydrants = 85
- Monitors = 60 (almost all foam capable)
- Fire Extinguishers = 778
- SCBA's = 90
- Hose Reels = 65

ERT Info

- 4 Shifts & a Day Crew
- 8.4 Years Average Experience
- 42 Emergency Responders at Bayport
- 87 Emergency Responders at Deer Park
- 120 Total Responders – FF / Hazmat Tech
- 34 at DP are Medics
- 37 at DP are Technical Rescue Trained
- E/O's, Drivers
- ERT Leadership Staffing Plan
- Today's Team: ERT Report 2-26-29.pdf

ERT Staffing Totals

Bayport ERT

- Shift 1 = 8
- Shift 2 = 9
- Shift 3 = 8
- Shift 4 = 9
- Days = 8
- Total = **42**

Deer Park ERT

- Shift 1 = 16
- Shift 2 = 14
- Shift 3 = 19
- Shift 4 = 14
- Days = 27
- Total = **87**

ERT Annual Training Hours

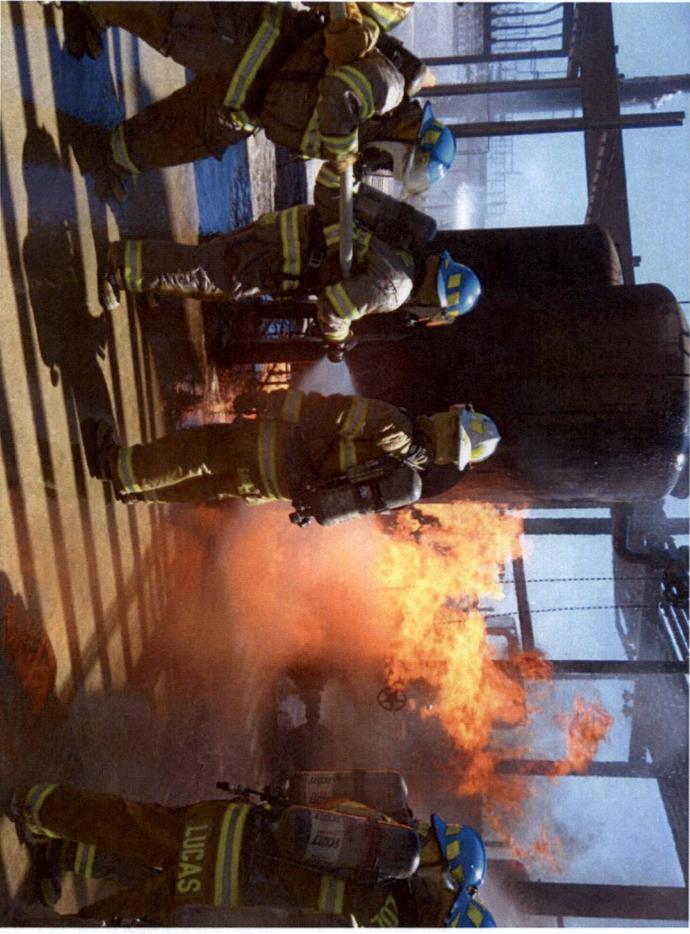
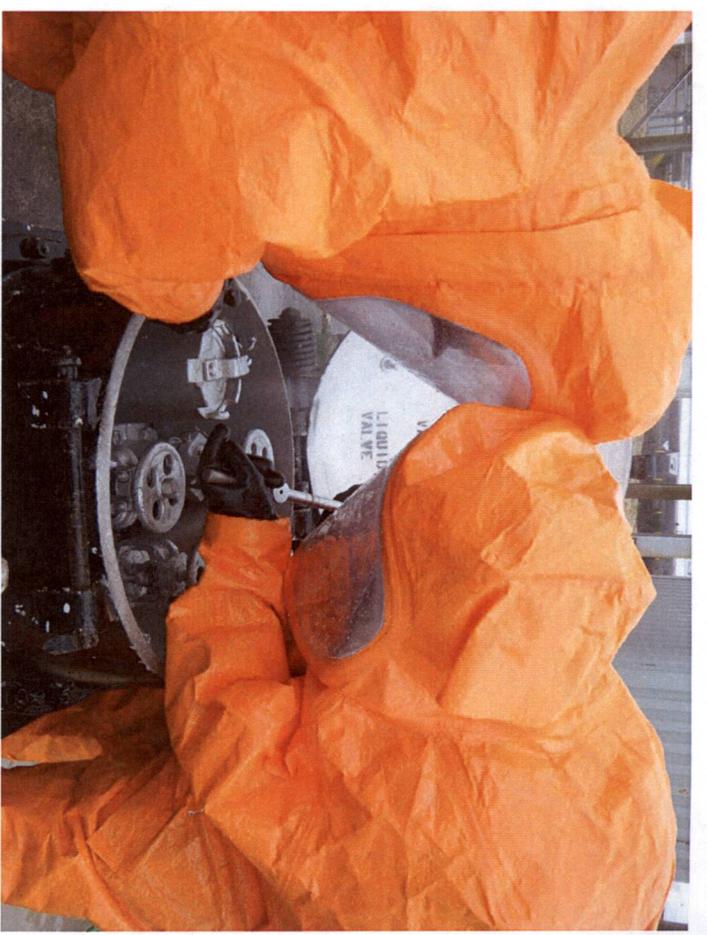
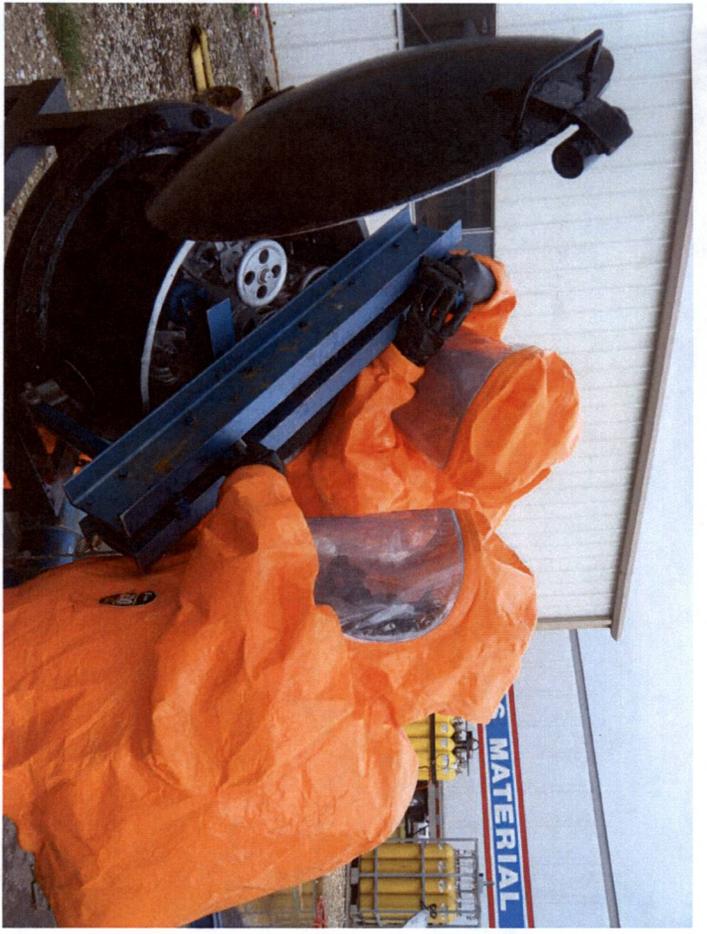
- Fire Training – 24 hrs
- ERT Quarterly – 4 hrs
- Emergency Medical – 32 hrs
- Technical Rescue – 32 hrs
- ERT Hazmat – Initial 24 hr Tech + 8 hr Refresher
- Emergency Vehicle Operations – 16 hrs
- E/O - Pump Operations – 16 hrs
- Fire Officer Leadership – 24 hrs
- Officers – TEEEX, Hellfighter U, Industrial SO
- 2018 – 5,864 Contact Hours of Training



6 AED's in the plant







Lubrizol

Lubrizol Emergency Responders



Lubrizol



being essential

Lubrizol



being essential

ANY QUESTIONS ?



Lubrizol

Lubrizol Texas



Thanks

being essential