

**AMERICAN SOCIETY
OF SAFETY ENGINEERS**

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May 13, 2015

Grant C. Chustz
Crane Operator Supervisor
Jacobs
2581 Patterson Road
Torbert, LA 70762

Dear Mr. Chustz:

On behalf of the American Society of Safety Engineers please accept my sincere thanks for your participation in this year's program for the **Award for Innovation in Occupational Safety Management**. Your efforts along with the other applicants have been most impressive, and all of the applications represented significant achievements on the part of the applicants and their organizations. The selection of a winner was a difficult decision with so many outstanding applications. Though your application was not selected as the winner, the judges considered it especially noteworthy and recommended that you receive an "Honorable Mention" recognition. As an Honorable Mention recipient you receive a cash prize of \$500, which is enclosed.

I encourage you to apply for future award cycles and anticipate that the next cycle will begin by December 31, 2015.

Thank you again for your efforts.

Sincerely,

Patricia M. Ennis, CSP, ARM
President
American Society of Safety Engineers

Hunter Mouch
21255 LA Hwy 1
Plaquemine, LA 70764
February 3, 2015

ASSE-2015 Innovation Award
Director, Professional Development
1800 E. Oakton St.
Des Plaines, IL 60018-2187

Dear ASSE:

I am writing this reference letter at the request of Grant Chustz, (Inventor of Barricade Buddy) for the application of a safety innovation award.

Grant Chustz has been a valued member of our Field Services team at Dow Chemical in Plaquemine for over 10 years working as the training coordinator for Jacobs in the civil / crane department. Grant's experience as a crane operator and incident investigator is what inspired him to come up with the innovative solution to protect employees from the swing radius hazards of cranes.

Industry has seen numerous serious incidents and fatalities due to the inadequate barricading around mobile cranes over the last 25 years. Due to the hazardous nature of crane work and the area around the mobile crane, Grant developed the Barricade Buddy system which is a barricading attachment that can be used on almost any crane ranging from an 8.5 ton Broderson to the larger swing cab models. This system greatly enhanced the safety of our crane operations by providing a highly visible, light weight attachment that can be easily installed in minutes. This innovation eliminated inadequate swing radius barricading, the handling of large buckets or stakes used as barricades, as well as oversized barricades that cause problems during outages.

In conclusion, I highly recommend the use of this system anywhere crane work is performed and have seen very positive results since we've adopted the use of Barricade Buddy at Dow Chemical in Plaquemine, LA. This system not only protects individuals working around the swing radius of cranes, but it also provides guidance on the clearances that the crane may have with adjacent equipment or infrastructure.

Sincerely,

Hunter Mouch
Contract Administrator
The Dow Chemical Company
Louisiana Operations

A handwritten signature in cursive script that reads "Hunter Mouch". The signature is written in dark ink and is positioned below the typed name and title.

Carl Bellemin
21255 LA Hwy 1
Plaquemine, LA 70764
February 25, 2013

ASSE-2015 Innovation Award
Director, Professional Development
1800 E. Oakton St.
Des Plaines, IL. 60018-2187

Dear ASSE:

It is my pleasure to recommend Grant Chustz for the safety innovation award in reference to his invention of Barricade Buddy. For over 10 years, Grant Chustz has worked as the training coordinator in the civil/crane department for Jacobs Engineering one of our major nested contractors. He has been a valued member of our Field Services team at Dow Chemical in Plaquemine, La. His experiences as a crane operator and incident investigator influenced his determination to develop a device to protect employees from the swing radius hazards of cranes.

Industry has seen numerous serious incidents and fatalities due to the inadequate barricading around mobile cranes over the last 25 years. As a result of the hazardous nature of crane work and the area around the mobile crane, Grant developed the Barricade Buddy system which is a barricading attachment that can be used on almost any crane ranging from an 8.5 ton Broderson to the larger swing cab models. Barricade Buddy meets the requirements of OSHA 1926.1424 when it comes to barricading the hazards of the swing radius of the counter weight on mobile cranes. This system greatly improved the safety of our crane operations by providing a highly visible, light weight attachment that can be easily installed in minutes. The innovation of the Barricade Buddy system eliminated the inadequate swing radius barricading, the handling of large buckets or stakes used as barricades, as well as oversized barricades that cause problems during outages.

We have observed a much safer work environment at Dow Chemical in Plaquemine since we adopted the use of Barricade Buddy. This system not only protects individuals working around the swing radius of cranes, but it also provides guidance on the clearances that the crane may have with adjacent equipment or infrastructure.

Once again I am pleased to recommend Grant Chustz for the safety innovation award in recognition of his ingenuity in developing the innovative system. I anticipate a much safer work environment through the utilization of Barricade Buddy throughout the industry.

Sincerely,



Carl Bellemin
Maintenance Activity Coordinator
The Dow Chemical Company
Louisiana Operations

Evans Barber
21255 La Hwy 1
Plaquemine, La 70764
March 3, 2015

ASSE-2015 Innovation Award
Director, Professional Development
1800 E. Oakton St. Des Plaines, IL 60018-2187

Dear ASSE:

I am submitting Grant Chustz (inventor of Barricade Buddy) for the application of a safety innovation award.

Grant is employed by Jacobs and came to work at Dow Chemical approximately 10 years ago. Grant is a Jacob's supervisor and serves also as a training coordinator for Jacobs in the civil/crane department. Grant having worked for many years as a crane operator brings a wealth of knowledge to improve crane operator safety. In 2010 when OSHA rolled out the new Standard for Crane operation Grant was involved in recognizing the changes in safety practices that would follow. The crane industry in NA continued to experience many fatalities as a result of poor training and lack of proper operating knowledge. After reviewing the crane standard changes Grant was inspired to make improvements to barricading. One of the leading causes of injury, fatality, and property damage. Grant began to design an innovative way to better protect the craftsmen and personnel working around the crane by designing the Barricade Buddy.

The barricade buddy system identifies the hazard zones associated with a crane, especially the swing radius of the counterweight. This system can be used on cranes of all sizes. This system improved the safety of our site crane activity by equipping each crane with a barricade buddy and training the operators on its use.

In conclusion I have recommended this system to other Dow sites where crane work is performed. This system not only identifies the hazards associated with the counter weight but also helps to eliminate damage to the surrounding infrastructure when properly set up.

Sincerely,

Evans Barber
Maintenance Leader for Field Services and Site Infrastructure
The Dow Chemical Company
Louisiana Operations

