



Evergreen Topics - Hot Work/Sub Part P Compliance

Going forward you will notice that one of the monthly WIB articles will be written by your managers about their past experiences at Electric Boat on an Evergreen Topic. What is an Evergreen Topic and what does it mean to our business? The term Evergreen essentially means something that is perpetual and ongoing similar to an evergreen tree that remains green throughout the seasons. It is a process used by various industries and businesses around the world to assess, identify and mitigate risks and strive for efficiency to achieve healthy organizations. For example, if an organization such as Electric Boat has inefficient or bad processes in place there is potential for negative impacts to Safety, Quality, Cost and Schedule. Simply put, where there is inefficiency there is also opportunity. Fostering a culture that takes a proactive approach to mitigate risks combined with continuous improvement are the ingredients needed to combat the hidden dangers lurking in the shadows of bad processes.

The Evergreen Topics that you will see featured in the WIB will have a heavy emphasis on Safety and Quality. As you read these real life scenarios experienced by your managers, think about why the chosen topic is important to you and how it relates to you and your team's role at Electric Boat. Management encourages you to share your thoughts about the articles with your teams. Remember that all electric boat employees are empowered to work safely as we build our part of the submarine with first time quality.

Hot Work and Sub Part P compliance when thinking about it in an evergreen concept in support of safety is paramount to keeping employees safe, ensuring maximum quality for the product we deliver and further empowering our Navy to deter and defend our country. When I think of the recent incidents on USS Bonhomme Richard (surface vessel) and USS Miami (sub), I realize how catastrophic lack of protection, a spark stuck in the wrong pocket/area or non-contained hot work could be to the safety of our team

members as well as the product. This topic is one that should be a living way of life on the deckplates everyday. Safety Manual F-05 and Sub Part P compliance are important documents to assist in driving these protections into everyday culture here at Electric Boat. I ask my fellow team members "What would you do to protect your house from the hot work conditions we are working in everyday?". I know that the answers would be proactive and robust because it's a way of life to protect your family.

So WHY is evergreen so important in regards to Hot Work/Sub part P compliance – As stated, it only takes a spark in the wrong place to change our environment from safe to hazardous if we don't do the right thing. Understanding the work scope in regards to hot work and enforcing strict compliance is the only way to properly eliminate the hazards presented while performing hot work. Removing, covering and watching broken down in that order allows you the proper defense against potential shipboard fires.

How do you know if you are in full compliance with hot work controls and Sub Part P compliance? Ensure you review Safety Manual F-05 with your supervisor and understanding your role in hot work protection & compliance is the first step. The initial set up is the first line of defense and will give you the best option to remove, cover or watch prior to striking an arc, pre-heating or burning/gouging. Your Clear and Safe as well as JHA is another tool utilized to evaluate the areas of hot work assignment and reacting to potential hazard by engineering them out or protecting them.

Marc Lopes

Manager of Operations - D915

Continuous Improvement

Rapid Prototyping at QP

(A simpler way to make your idea into reality)

Picture this: you have an idea for a manufacturing aide to help you do your job, but there's nothing that you can buy off the shelf that will work. You know what you want and if you could just build it yourself you'd already be done with the job. Ever find yourself in a situation like this here at work? What if there was a way that you could build a prototype for minimal cost using service materials and some funding towards labor, have it reviewed by Manufacturing Engineering and Safety, and if approved for use in the field, have it on the floor in a short time? Rapid Prototyping at Quonset Point exists for this exact purpose. It allows the SME (you) to build what you need, have it reviewed by Engineering and Safety, and have the design documented for future use as a build plan.

If it is still a concept, follow the steps below to document it and to make sure it moves through the process:

Step 1 - CIAD

- Discuss your idea with your Supervisor / team mates, create a design (napkin style is fine), and a list of parts
- Put your idea into the Continuous Improvement Action Database and upload your drawing
- Assign the Next Action Owner to Chris George (222367) – remember to contact him first

Step 2 – Review Meeting

- Your prototype will be reviewed with you, your OS, and Planner to decide feasibility
 - If Approved – it moves forward
 - If not, Manufacturing Engineering will provide input
 - If a larger project effort is needed it moves out of the RPC process

Step 3 – Material and Labor

- Your Planner will order the service material against the applicable Work Order
- M & PE will provide funding for in-house labor (usually 8 – 16 hours, with a maximum of 24)
 - more than 24 requires further discussion and approval
- If you need a work space to complete the effort the ALCs have offered to help when possible
 - contact Kendra Meeker or Erin Foster via email to arrange its use

Step 4 – Review Circuit and WIB

- Manufacturing Engineering and Safety will review your creation for use in the field
 - It must pass their inspection before it can be used on a production floor
 - Engineering may create a design for future use across the facility
- Your product:
 - could be showcased in a WIB article with other RPC products
 - will be shared via email with EB Supervision
 - and could be in an upcoming presentation for your department

You can find more information by using the Help Tab in the Continuous Improvement Action Database. Open the QP PI Guide and click on the Rapid Prototyping Center link to be redirected. If you still have questions you can contact Chris George (x21064) – cgeorge1@gdeb.com

And what if I already built it? If you are using it, **STOP!** All tools / aides are required to be reviewed by Engineering and Safety before use in the field. Contact Fred Weller (engineering) and Bill Adams (Safety) to have it reviewed.

2023-2024 PROVIDENCE BRUINS

GROUP OUTING

Electric Boat



Ticket Details

- 100 Level Seating on Attacking Side
 - Providence Bruins Hat
- Commemorative Ticket Giveaway for First 2,000 Fans on November 17th
 - Logo T-Shirt Giveaway for First 2,000 Fans on November 18th

Tickets Only at \$25 Per Person

50% off Box Office Pricing!

PURCHASE ONLINE NOW AT:

www.ProvidenceBruins.com/ElectricBoat

PURCHASE INSTRUCTIONS: Once purchased, you will receive an email from Fevo, our group ticketing platform, with instructions to access your tickets.
Your mobile tickets are your vouchers to pick up your Hat at the Group Sales Table in Section 118.
For more info, please call/email: Anthony with the Bruins at (401) 680-4713 or Pontrelli@pseagency.com.



- The Wait Is Over!!! 2023 USS Arizona Holiday Ornament Has Arrived In Stores!!
- Come In and Check Out Our Seawolf Apparel Selection Now!!
- Hurry in!! Don't Wait!! 2023 Boot Reimbursement ends Dec. 8th!! Shop Our Boot Selection!!
- Stay Warm No Matter the Weather With a Carhartt Classic Midweight Hoodie!!

Hours of Operation

7:30 am to 4:00 pm

Driving Into the Facility when it is Dark Outside

- Speed limit inside the facility is 10 mph, and is clearly marked by signs across the property.
- As approaching the gate, we please ask that you do the following:
 - Switch headlights to parking lights only
 - Turn on interior dome light
 - Stop at stop line and display badge
 - If your vehicle has dark tinted windows, ensure to roll down windows for visibility
 - Wait for Security Officer to tell you to enter the facility

Your cooperation with this is greatly appreciated.

SAVE THE DATE

Annual Enrollment for 2024 is November 15th through December 1st



The QP WIB is produced by EB Communications.
To submit ideas, contact rmarques@gdeb.com

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