



## Looking to Help Tooling Efficiency

As much as we enjoy seeing all of you each morning at the Tool Cribs, we understand that you just want to get to work and be the most productive ship builders you can. Department 962 has three programs that will help to that end: Welder Make Ready (WMR), Personal Issue Tooling, and the Vending of Consumables & Safety items.

The **Welder Make Ready** program allows crew tooling and wire orders to be made 1 day in advance of the need. Over the next two shifts our crib personnel fill and consolidate your list and have it ready for issue prior to the start of your next shift. There is opportunity for growth with this program. We are ready to train your folks so they can hit the ground running.

The **Personal Issue Tooling** program provides an opportunity for an employee to have designated tooling personally issued them. The system currently covers 13-5, straight burr tool, offset grinder, cutting torch, needle gun and etchers. A simple request from the QP homepage will have the tool ready for issue at the crib of your choice asap.

A concern that we addressed is when a PI tool requires repair - simply bring the broken tool to the nearest tool crib. We will replace the broken tool with a new or refurbished one on the spot. This will become your new Personal Issue Tool - no need to return.

Finally, the **Vending Program** provides access to the majority of consumables 24 hours a day, 7 days a week. We have listened to your concerns (thank you!) and have made changes: we have updated the process to your login information current, we have added a robust customer feedback process, and will soon be moving to proximity badge readers that will eliminate 95% of the instances of badge read errors. If you

would like to see more or different items in the vending machines, please let us know via the customer feedback process.

Our organization is constantly looking at how we can improve, we appreciate the feedback we have received and please know that your comments and suggestions are always welcome and encouraged.

A handwritten signature in blue ink that reads "DAN".

**Dan Careb**

QP Senior Manager, Facilities & Maintenance

## FOLLOW EB SOCIAL MEDIA CHANNELS

 **Facebook:**  
General Dynamics Electric Boat

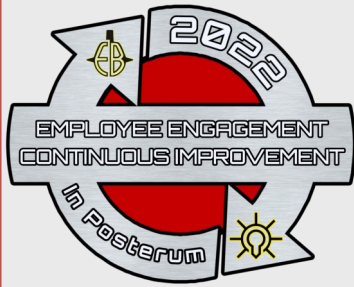
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www.EBLanding.com



## Continuous Improvement

**“Costs do not exist to be calculated, Costs exist to be reduced” - Taiichi Ohno**

### Reduced Costs through Continuous Improvement

Many of us seek employment with a company for the security and the reduced stress. There is nothing wrong with this. There is certainly something to be said for the security of a weekly or bi-weekly paycheck and provided benefits. However, what may be lost on us is the balance of revenue, re-investment and overhead expenditure which any business must manage to be successful. Interestingly, it's likely that a great many of us are invested in General Dynamics stock, making every shareholder a part owner.

Those of us who have purchased company stock, we are hoping for those share prices to increase over time so that we have the greatest chance of retiring comfortably. Now, this doesn't mean we all need to start pouring over general dynamics financial filings, but by embracing that ownership and being business minded we have the opportunity to have an incredible effect on our success through incremental improvements.

Historically speaking, companies which have delivered consistent gains on their stock price have been those with sound financials and the ability to grow or maintain solid profits year over year. Profit, in simple terms is simply revenue minus operating costs. One of the greatest means of reducing costs is by leveraging the innovation and observation of our employees. There are near limitless opportunities for contribution to cost reductions.

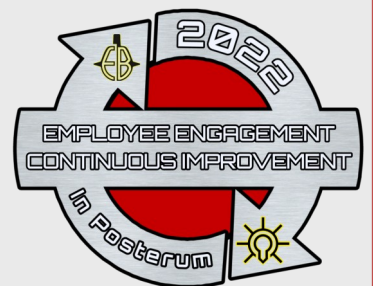
If you observe an instance of:

- An employee's time being wasted on non-value added work (Searching for tools or utilities, waiting in line, performing rework etc.)
- Material being wasted
- Need for a more efficient tool or piece of equipment

Then you have identified an opportunity for cost reduction and process improvement.

I will add that a common misconception is reduction in costs will somehow negatively affect a person's employment. While a fear of efficiency increases is understandable, it is often mistakenly perceived as a threat. Let us not forget to be business minded. When all of us seek opportunities for cost reduction and those of us in management empower the improvements which bring those reductions, we can have a real effect on profits. Profit enables cash flow which enables raises, investments in facilities and equipment, company benefits and more than likely a healthy return on stock investments.

**Have a process improvement idea, or simply just want a board to bounce ideas off? Discuss your idea with your supervisor. If additional resources are required for implementation, your supervisor can contact Process Engineering.**





# February Group Offer

## Featuring Fans Choice Weekend

- Friday, February 11 @ 7:05 - T-shirt Giveaway
- Friday, February 18 @ 7:05 - Fans Choice Weekend
- Sunday, February 20 @ 3:05 - Fans Choice Weekend
- Friday, February 25 @ 7:05 - Cinch Sack Giveaway
- Sunday, February 27 @ 3:05 - Giveaway for first 2000 Fans



**Tickets Only \$24 Per Person!**

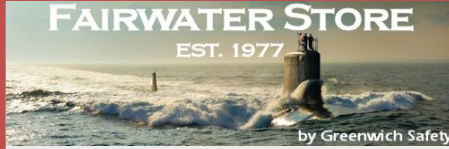
**Purchase online now at: [www.ProvidenceBruins.com/GroupTickets](http://www.ProvidenceBruins.com/GroupTickets)**

**Enter Promo Code **GDEB** During Checkout!**

## Welding with Lower Amps Leads to Lower Heat Input and Possible Lack-of-Fusion

- NAVSEA Technical Publication (NSTP) T9074-AD-GIB-010/1688 limits the maximum heat input of HY welds based on the thinner joint member thickness.
  - Less than 1/2-inch: 45,000 Joules/inch
  - 1/2-inch and greater: 55,000 Joules/inch
- Heat input is controlled by three parameters; volts, amps & travel speed (inches/min). The welding technique sheets (WTS) provide the value ranges for each parameter and shall be followed with the best combination to achieve quality welds.
  - Volts: Pulse gas metal arc welding is a "constant voltage" (CV) process. This value is set by the welder on the machine. **Affects the weld profile; higher volts, flatter beads.**
  - Amps: Controlled by the wire feed speed (WFS). The WFS is set by the welder on the machine. **Affects the penetration or fusion of the weld; higher amps, better fusion.**
  - Travel Speed: Controlled by the welder moving the gun along the weld. Each welding technique contains tables with the **minimum travel speeds required to not exceed the maximum heat input** for any given volts & amps.
- The values, including amps, may be adjusted within acceptable ranges of the WTS to run hotter, provided the maximum heat input specified in the WTS is not exceeded.

**AMPS MAYBE INCREASED TO PROVIDE BETTER FUSION PROVIDED ALL PARAMETERS ARE WITHIN THE WELDING TECHNIQUE REQUIREMENTS!**



Warm up from head to toe at the Fairwater Store!



- Tons of boots!
- Socks and handwarmers in stock
- Carhartt & Timberland apparel!
- Custom order jackets, rainwear, boots, etc.

Hours of Operation

7:30 am to 4:00 pm

6:30 am (every other Wednesday)



**EB Weekly Safety Briefing**  
**02.06.22 - 02.12.22**



**PINCH POINTS CAN NIP, PINCH, CRUSH, PUNCTURE, AMPUTATE. THEY CAN RUIN YOUR DAY, WEEK, YEAR... LIFE!**

Week 6

**GENERAL DYNAMICS**  
Electric Boat

Policy Statement # 13: Electric Boat Corporation has established Occupational Health and Safety as the Company's Number One Priority.

**Make sure you complete a proper briefing and have the appropriate PPE when working near pinch points!**

**Submit proof of vaccination to: [ProofOfCovidVaccination@gdeb.com](mailto:ProofOfCovidVaccination@gdeb.com)**

**Yellow Lot Major Safety Violations**

When traveling in the yellow lot, please be aware of other vehicle traffic and pedestrians walking through the lot, as they can be difficult to spot behind parked cars.

**DO NOT DRIVE THE WRONG WAY DOWN TRAVEL LANES IN THE LOT!**

Be mindful of any arrows painted on the pavement and follow them to keep lot traffic flowing safely. Disregarding these arrows and driving the wrong way is a **Major Safety Violation.**

**DO NOT ENTER THE YELLOW LOT BY WAY OF THE EXIT LANE!**

The exit to Roger Williams Way is clearly marked with “**DO NOT ENTER**” signs and disregarding these traffic controls could lead to a serious vehicle accident with the potential for injuries.

**Any employee entering the yellow lot from Roger Williams Way by driving in the exit only travel lane will have also committed a **Major Safety Violation.****

Please note that **Major Safety Violations** may result in **a SUSPENSION of five days** and if further violations occur, it can lead to discipline up to and including termination of employment.

Be safe and respect the traffic controls in place to ensure your safety while entering and exiting the parking lots. Use the yellow lot entrance at the intersection of MacNaught Street or by way of Conway Avenue and the access road that leads to Gate 1.

**PLEASE OBEY ALL TRAFFIC SIGNS AND MARKINGS IN EB PARKING LOTS**