



NEWSLETTER
-2023-



CHEMAC INC. NEWSLETTER

Chemac, Inc. 121 Corporate Lane New Bern, NC 28562 www.chemacinc.com

April 2023

SEARCHING FOR SHIP DESIGNS for Great Raft Race

New Bern, North Carolina-

Last year Team Chemac was all in in various events benefiting charities, fund raisers and local events. One of the local events was the Great River Raft Race in New Bern, NC. The race brings in tourists for local businesses and provides entertainment for locals and visitors alike.

The race is made up of “home made” water craft partaking in a race almost 2 miles up and down the Neuse River. The vessel, “Kegaladon” made its debut as the Chemac, Inc flag ship and was made of wood, barrels and straps... powered by 4 paddlers. Since the design didn’t win the race, the team is looking for new design ideas for a “guaranteed” win. Do you have any ideas that will help our team win?

If yes, please submit them to:

chemac@chemacinc.com

referencing: “2023 Chemac, Inc. River Raft Team Captain”.

All ideas will be considered... and if a design is used, we will give credit at the awards ceremony and allow the selected designer pick a charity from the charity list for a \$500 donation in their honor.

Help our team design the winner and we will let you know how we did.



Chemac Inc. employee activities outside the workplace are not mandated, only encouraged.



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March 2023

TECH TIPS - *Considering designing, building, or buying a pump or pumping system?*

Tenafly, New Jersey-

When considering designing or buying a pump (or pump system) of one or more pumps, it is important to make sure all aspects of a reliable system take many standards into account, one often overlooked is a great resource for any pump system – The Hydraulic Institute located in Parsippany New Jersey.

The Hydraulic Institute offers guides and ANSI recommended standards for designing and or building any type of pumping system. From centrifugal to reciprocating pumps, the design recommendations are mandatory for any Engineer or firm building a system. The wide selection of books and guides covers all types of designs and specifications from centrifugal to reciprocating power pump.

The primary purpose of the Hydraulic Institute? As stated by the Hydraulic institute (Page 3- To develop standards that are “adopted in the public interest and are designed to help eliminate misunderstandings between the manufacturer, the purchaser, and/or the user and to assist the purchaser in selecting and obtaining the proper product for a particular need.” When using the HI ANSI Standards, please be aware of all the notices.

Although the HI institute provides ANSI Standards, the books should be required reading for any mechanical or fluid technology engineer. Often engineers familiar with centrifugal pumps are not aware of the major characteristic differences between systems using centrifugal vs reciprocating power pumps. The guides explain best practices for all types of pumps.

If your company uses any types of pumps, we highly recommend having a copy of the HI ANSI books “For Nomenclature, Definitions, Applications and Operation.” These books online guides are a good investment if your plant relies on one or more pumps.

Where do you get the information in this article?

*After reading the **Chemac Inc disclaimer** in the downloads section- follow this link:*

<https://www.pumps.org/>





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GREAT JONES PRODUCTIONS

New Bern, North Carolina-

Mr. Arthur Jones, President and CEO of Great Jones Productions of NYC, recently visited New Bern North Carolina to investigate the city as a potential movie location. The most well-known “movie location” in Eastern North Carolina is Wilmington, NC with over 200 films and movies shot in the city. However, Arthur is a trail blazer when it comes to making films. Director and producer of award winning films, Arthur always looks for potential and sees a film story that needs to be told in some of the most interesting places. For example, his successful film “Forbidden Cuba”, was filmed on location in Cuba and tells a story of a business man’s trials and tribulations as he carries out his corporate objectives in Cuba. Arthur also produces promotional films/videos for firms like Chemac, Inc., Sheila Shine and others.



After his visit, Arthur vowed to return and make time to stop in New Bern again. He sees the potential in the City and was very impressed by the “vibe” this little City of 30,000 has. Arthur spent only three days in New Bern and was already seeing great opportunities for New Bern in the next few years as a location for films, untold stories and possibly a media school as part of the local community college.

Since Arthur’s visit, a local New Bern filmmaker announced production of a movie in New Bern. D’Aja Fulmore noted that production of her film will begin in March of 2023 in the City of New Bern. Although New Bern has had films in past years, this is just the start of what could be a location alternative to Wilmington and may evolve into a go to film location for production films.

Chemac, Inc. supports small businesses like Great Jones Productions which produce thoughtful, artful, entertaining, films, always willing to take risks to share a profound or endearing story. We welcome Arthur back to New Bern anytime... even if it just to talk about our shares of Husky Macaw. Never heard of them? Watch “Forbidden Cuba” to learn more about Great Jones:

<https://www.great-jones.com/>

and support another small business. .



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March 2023

SEMINARS 2023

Houston, Texas-

Although training seminars were very popular prior to the Pandemic, training and support has migrated to online seminars. Although informative, the online seminars do very little when it comes to the primary benefit of the seminar... meeting people and developing professional working relationships with suppliers and other experienced operators of equipment. Chemac, Inc's seminars primary focus is to educate, but also to develop long term contacts in the industry.

Below are images of a past seminars-



A typical Chemac Inc. seminar lasts 3-4 days and involves a full schedule covering technical, operational, maintenance and equipment efficiency maximization. Attendees also benefited from cultural programs allowing them time to meet peers, supplier executives and key training personnel. The programs nominal cost vs benefit was highly praised by attendees many often stating this is the best mix of education and networking they have attended.



The impact of the Pandemic forced most company seminars to the internet or resulted in cancellations for several years. The Chemac Inc seminar for 2023, due to the vaccines not preventing infection, have been postponed until 2024. The management at Chemac, Inc. believe treatments and medicines will improve by then to take the risk of any infection down to near zero. In the interim, Chemac, Inc wil continue to offer on-site training and video training. A YouTube channel will be introduced this year with maintenance videos for pumps, three dimensional tools and valves.

Check back frequently for updates on seminars for 2024!





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February 2023

IN SHOP REPAIRS: Get an RMA ***Alvin, Texas-***

Some customers may realize too late that a pump is in need of general maintenance. The pump will then need to make a visit to one of Chemac, Inc.'s repair facilities. The first step is to contact Chemac, Inc and get an RMA# for the return of your equipment for service. It doesn't matter how small or large the equipment is, an RMA# will help expedite your service.



A Chemac representative will provide you with an RMA and ask several questions about the equipment to ensure our technicians know what to do before the equipment arrives. Once the RMA is logged, the customer can ship the unit to the designated repair facility. After its received, the customer will be contacted with an estimate of the repair or maintenance.

If a customer would prefer to have the work done at site, the Chemac Inc. representative will provide an offer for the remote work. In some cases, pump units are so large, it would be too costly to ship to a Chemac Inc. location. In these cases, the equipment will be serviced on site.

Often, customers prefer on-site service or training. Chemac, Inc can also offering training at-site, off-site or at one of several seminars offered by Chemac Inc. Chemac also offers private training seminars for customers with several locations.

Interested in learning more?

Contact a Chemac, Inc representative today at

1-800-217-8677

or

1-252-631-7188.



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February 2023

GOOD FOR THE PLANET- *Chemac, Inc. Promotes "CLEAN" Within Industry*

Porta Plata DR (Chemac Sales Agent) The whale seems to give a wave of approval for Chemac, Inc. goals for being a "clean operation".

Although we work in an industrial field, we do the best we can to make sure our impact on our environment remains minimized with a near zero goal.



How do we accomplish this?

We have many goals set for the next decades to reduce our footprint and improve the lives of our employees and neighbors.

SOME OF OUR GOALS INCLUDE:

- **Reduce waste-** by phasing out peanuts and packing with air and other materials better for the environment.
- **Growth of clean green.** We invested in a North Carolina farm to shelter animals, grow self-sustaining foods and plant a variety of fruits and other plants.
- **Our North Carolina facility will use donkeys to trim grass vs tractors in over 50% of the lawn.**
- **Our engineering team will evaluate the use of solar panels for both Texas and North Carolina.**
- **Air travel was reduced by 85%- since 2019 as computers are used to hold remote meetings.**
- **Offering competitive wages and bonuses.**
- **Offering employees a "work out area" to incentives not driving to a gym for a lunch work out.**
- **Our facilities have active recycling programs for paper and plastic.**
- **Encourage employees to partake in "clean up" volunteer groups.**
- **Zero spill policy- for shops and ground**

QUALITY IN ALL STRIDES

These are just some of the items we are active or working on. Although our equipment can be driven by electric or diesel, the choice is ultimately up to the customer. Our goal is to act to improve our positive impact and learn from our factories and customers all of which strive to minimize the use of energy and use alternate sources where ever possible. We are all on the same team to improve our processes as best we can so we can deliver our quality products and services to our customers.



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The Future of the Industrial Industry: *Prediction for 2023 & Beyond* *New Bern, North Carolina-*

Since 1966 Chemac Inc., like most firms, tries to predict the future in the industrial sector. The predictions often determine stock levels, foreign exchange allocations (as a hedge), and investments in a variety of markets. While predictions have varied over the years, there used to be reliable bell weathers to help indicate a direction.

Today, despite the use of computer modelling and easy access to data, the forecasting business has not become easier. The fast paced global markets are driven today by a myriad of factors which can impact the pulse of industry from “hot” to “cold”. There is no better example than the spread of Covid and the impact this had across the board.



During a recent visit by a customer and supplier, Mr. **David Wallach- CEO of Sheila Shine-** was introduced to one of the many advisers in Chemac

Inc.'s cadre of advisors. For a small fee, Mr. Wallach tried out our advisor and considered the cost worth the valuable advice. Apparently, the prediction agrees with our CPA and other more highly compensated advisors. Unless unexpected events occur, 2023 should be a good year for firms offering quality products and services.

Chemac, Inc. uses Sheila Shine products for stainless steel cleaning to make surfaces shine after repairs. If predictions are accurate for Chemac, Inc. this should mean Sheila Shine will also have a good year. Despite echoes of recession in the markets, we look forward to helping customers work through the coming year regardless of its outcome.



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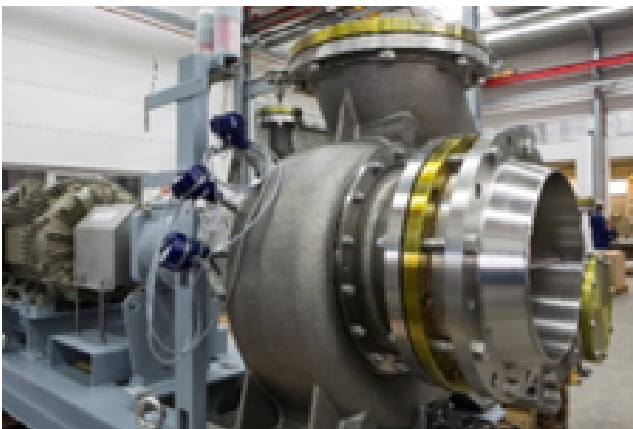
January 2023

CENTRIFUGAL PUMPS ON THE MOVE:

Houston, Texas-

Despite some sectors of the economy struggling to meet demand, Bungartz production has not been impacted by the Pandemic or other disruptors to the economy. Production has remained robust at the plant and the service center in Texas has been busy keeping up with upgrades and maintenance work.

From submerged pumps and magnet-coupled chemical pumps to horizontal slurry pumps – Bungartz masters difficult and complex pumping tasks all over the world. The Bungartz centrifugal pumps are virtually cavitation-free and self-ventilating. In addition, they are resistant to solids, dry-running, self-regulating, wear-resistant, low-maintenance, and have a high level of intrinsic safety. Designed for each specific application, they are suitable for boiling, polymerising, crystallizing and toxic media in all Atex zones. No wonder the pumps are in high demand.



If your plant is having issues with centrifugal pumps in a difficult application, it may be time to contact Chemac and ask about how our line of Bungartz pumps can improve operations.

Follow our link to Bungartz at:

<https://bungartz.de/en/home.html>

for more information or send us an inquiry to:

chemac@chemacinc.com.

