

## **ARL's Customized Pressure Test**

Austin Reliability Labs can provide step-by-step custom testing solutions for your products by moving them through the design stage to the execution of the test. The custom testing our lab can provide will quantify performance, warranty, wear-out, maintenance and other valuable information for decision makers. Our technical staff understands testing and realizes that our clients need state-of-the-art test procedures that will remain relevant throughout the product's life cycle. We work closely with our clients to determine the tests that best fit the product and document a testing road map that is appropriate, useful and comprehensive.

One of ARL's recent clients had an issue – the customer needed to test thousands of duckbill check valves for pressure and flow rate on an ongoing basis. Multiple duckbill check valves are inside the customer's product, and if those valves all have equal flow rates their product is optimized – if the flow rates vary from valve to valve, the product becomes sub-optimal. Although the customer was able to use human capital to manually test each valve, that method had proven

to be inefficient and to produce highly subjective results that could affect the final product in the field. The customer needed an automated test system that could not only test each valve for pressure and flow rate, but then characterize each valve as either Type A, Type B or Fail according to the customer's specific parameters for each. Finally, to fully automate the process each valve would need to be sorted into bins according to that characterization. No test system currently available could do this.

Austin Reliability Labs custom-built a test system for this customer that will automatically test, characterize and sort each valve into bins according to the characterization. Fully programmable software will allow the customer to change their parameters for Type A, Type B and Fail at any time. The system tests 100 valves in just under 10 minutes, so with one staff member resetting the test every 10 minutes this system could result in as many as 5,000 valves tested, characterized and sorted every eight hours with minimal labor investment and more dependable results. Future versions of this test system should be even faster.

## President's Message

Andrew Cooper, President of TyRex Group, Ltd.

During our **TyRex Founder's Day**, the TyRex Family established its identity with the theme profits, purpose and family. As the TyRex Family leaders, Matt Ache, John Bosch, Jr. and myself composed and presented our individual and the collective promises to our TyRex Family.

#### **Andrew's Promise:**

"I personally promise to provide daily the business leadership in our quest for business longevity and family business success."

#### **Matt's Promise:**

"I promise to work hard every day as your business family partner in our daily work united by our common purpose business ambitions of longevity, success and our striving to achieve the status of Special."

#### John's Promise:

"I personally promise to provide the vision, coaching and mentorship to assist each family member who demonstrates their personal commitment to individual, TEAM and business family success. I also promise to personally care about each and every TyRex family member and to personally be there for them in their times of personal or professional trials."

#### The TyRex Family Promise:

"A promise to open the arms of our business family in a very personal all-inclusive way. To provide every family member the opportunity to seek and achieve the highest level of their ability, desire personal goals and possibly achieve the recognition of Special in a very Special Business family."

We believe these are promises worth keeping! - **Andrew Cooper** 



Andrew Cooper and Matt Ache present the Community Citizenship Award to DLi (Jorge Moguel) and individual recipient, Rich Burgess.





Andrew Cooper delivers business shirts at Founder's Day.



#### TyRex Family Volunteers at Austin Science Fest



This February, several members of the TyRex Family had the incredible opportunity to volunteer during the Annual **Austin Energy Regional Science Festival**, commonly known as the Austin Science Fest. This year's festival featured over 760 projects from both middle and high school students, making it the largest in the history of the festival. Winning projects in the junior and senior divisions advanced to the state finals being held in San Antonio.

ARL, DLi and Megladon partnered together as a joint Silver Level Sponsor, and TyRex Family members were able to help out doing everything from setting up to judging the student projects. Thanks to the following TyRex Family members for all their hard work and support of this incredible community event: Jorge Moguel, Satwinder Kahlon, Miguel Barrera, Lisa Martin, Tom Sanders, Kevin Alwell, Reina Wiatt, Jason Dunbar, Mary Johnson and John Bosch, Jr..





Lisa Martin and Jason Dunbar participate in judging student projects.

### **Follow TyRex Online!**

Did you know? The stories from the TyRex Technology Family that you're reading in this very Tribune, along with many other updates and all types of news, can be found on our social media channels! "Like," share and connect with all of our companies on Facebook, Twitter, LinkedIn, and YouTube - check the bottom of each company homepage for links. Whether you're an employee, customer or business partner, keep up with all things TyRex as they happen!





#### Introducing the RecognizeGood/TyRex Volunteer Row

TyRex puts things together, on a lot of different levels! In a newly launched initiative called **Volunteer Row**, the TyRex family, in partnership with RecognizeGood is putting our employees together with volunteer opportunities by bringing those opportunities right here into our facility on Technology Boulevard. Employees are able to donate their time and talents to benefit a growing number of local nonprofits in conjunction with RecognizeGood's Business in Community Connection. We'll cover more details on Volunteer Row in coming issues, but read below to learn what five volunteer leaders think about the idea so far.

Creative Way to Connect Businesses with their Community



#### **Justin Lemon - Sand Lemonariums**

"I see volunteering as a great way to contribute to the good in the world and to do something completely unselfish that will make an impact in peoples' lives." ~ Justin Lemon



#### **Donna Phillips - 3D Printing**

"Volunteers are the only human beings on the face of the earth who reflect this nation's compassion, unselfish caring, patience, and just plain loving one another." ~ Erma Bombeck



#### **Ariana Espinoza - "Thank You" Note Products**

"I'm thankful that I can do my part and help post up words of appreciation that both encourage and inspire us all in so many ways." ~ Ariana Espinoza



#### Elisa Delgado de Rodriguez - Holiday Products

"To give one's time and talent for a good cause is a special feeling. I do not have the words to describe the generosity of heart and soul that comes from people who volunteer." ~ Elisa Delgado de Rodriguez



#### **Devan Flores - Video & Still Productions**

"Volunteering and making others feel good is a big passion of mine, and I am always looking for new ways to serve others."

~ Devan Flores



#### TyRex Founders Day 2017

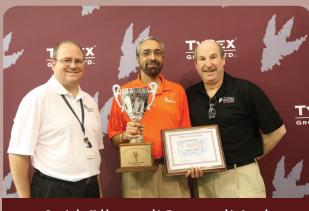
At the first of every business year, the entire TyRex Technology Family celebrates its birthday with the annual **Founders Day Birthday Celebration**. Special guests, family members and every TyRex employee gathered yet again in 2017 to honor employees, catch up on all the exciting programs the TyRex companies have continued to develop, and to reaffirm the beliefs that make us a family. Through this event, we acknowledge the companies, entities and individuals who are representative of the TyRex Technology Family's Vision, Guiding Principles and Diamond Discipline Principles of Business that support our culture as well as character, and define our business identity. We also receive an update on how we continue illuminating the good in our community through RecognizeGood. This Founders Day marks TyRex's 22nd year in business, "Built To Last" & "Built To Work" by Investing in GOOD People. We Built the Right TEAMS!

#### 2017 Founders Day Award Recipients

| TyRex Diamond Discipline Awards & Acknowledgments |  |                             |  |  |
|---|--|-----------------------------|--|--|
| Award Category                                    | Award Description                                  | 2017 Recipients             |  |  |
| Prosperity to Longevity                           | Company:<br>Consistent Commitment to Profitability | Megladon Mfg. Group, Ltd.   |  |  |
| Prosperity to Longevity                           | Company:<br>Overall Financial Performance          | iRex Group, Ltd.            |  |  |
| Prosperity to Longevity                           | Division:<br>Overall Financial Performance         | iRex Custom Cable Group     |  |  |
| Employee Well-Being                               | Company  | Megladon                    |  |  |
| Employee Well-Being                               | Individual   | Devan Flores                |  |  |
| Community Citizenship                             | Individual   | Rich Burgess                |  |  |
| Community Citizenship                             | Company  | Digital Light Innovations   |  |  |
| Entrepreneurship                                  | Individual   | Satwinder Kahlon            |  |  |
| Professionalism                                   | Company  | TyRex Corp. Marketing TEAM  |  |  |
| Professionalism                                   | Individual   | Mike Forcucci               |  |  |
| Imagination & Innovation                          | Company  | TyRex Cost Procurement TEAM |  |  |
| Imagination & Innovation                          | Individual   | Jon Roesch                  |  |  |

| Special TyRex Technology Family Acknowledgments |                   |                           |  |  |
|---|-------------------|---------------------------|--|--|
| Award Category                                  | Award Description | 2017 Recipients           |  |  |
| Quality   | Company           | Austin Reliability Labs   |  |  |
| Quality   | Individual        | Eugenio Justo             |  |  |
| Circle of Business Trust                        | Company           | Megladon Mfg. Group, Ltd. |  |  |
| Circle of Business Trust                        | Individual        | Matt Ache                 |  |  |

| Special TyRex Professional and Community Partnering Recognition Awards |                    |                                     |  |  |
|--|--------------------|-------------------------------------|--|--|
| Award Category   | Award Description  | 2017 Recipient                      |  |  |
| Outside TyRex Professional<br>Partner                                  | Individual         | Scholley Bubenik                    |  |  |
| TyRex Community Partner  | Individual/Company | George Mihalcik, Skyhawk Strategies |  |  |



Satwinder Kahlon accepts his Entrepreneurship Award.



The TyRex Cost Procurement Team is honored for their hard work.



## **Kudos & Acknowledgments**



TyRex has now donated over 700lbs of food to the Central Texas Food Bank!



Eighteen employees have now received their 3D printing certificates.















## **Employee Milestones & Notes**

#### **Birthdays**

#### **JANUARY** 2.....Rich Burgess (iRex) 4...... Daniel Hogberg (Megladon) 5.....Jorge Moguel (DLi) 7.....Jenna Perren(Megladon) 9..... Betty Echavarria (iRex) 14...... KC Bordonaro (SabeRex) 15...... Satwinder Kahlon (Saber Data) 16.....Justin Lemon (DLi) 23 ...... Vikki Rosploch (TyRex) 24...... Alma Martinez (Megladon) 25...... Joel Coffman (TyRex) 26...... Martin Johnson (TekRex) 26 ...... Larry Krupicka (SabeRex) 30 ......Kristen Puckett (SabeRex) **FEBRUARY** 6...... Sonia Roberts (SabeRex) 14...... Brandon Herrera (ARL) 17 ...... Biata Ofer (Saber Data) 24.....Jeff Walton (SabeRex) 26.....Jon Roesch (ARL) 28..... Ariana Espinoza (TyRex) 28......Martha Barron (iRex) **MARCH** 5......Ronneece Hall (iRex) 25 ...... Grant St. Clair (Megladon)

#### **Happy Birthday!**

#### Anniversaries

| JANUARY         1        |
|--------------------------|
| 24 Rich Burgess          |
| 26 Vikki Rosploch 1 Year |
| FEBRUARY                 |
| 210 Years                |
| 49 Years                 |
| 15 Judy Rock18 Years     |
| 17 Nadia Alvarez 3 Years |
| 17 Fabricio Aleman       |
| 264 Years                |
| 27 Kenny Rector          |
| 28 Yolanda Menendez      |
| 28 Ray Wells             |
| 2812 Years               |
| MARCH                    |
| 22 Years                 |
| 510 Years                |
| 611 Years                |
| 102 Years                |
| 17 Martin Johnson        |
| 25 Phuong Nguyen17 Years |

#### Happy Anniversary!





Congrats to DLi's Christine Mafana on 1 year as part of the team!





#### aastiiti t.Com



dlinnovations.com







irexmfg.com

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megladonmfg.com



saberdata.com



saberex.com

tyrexmfg.com

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#### **Benefits Contact Information**

for TyRex Family Members

#### TriNet / SOI

Benefits Information, Links to Dental & Vision Plans, View Paychecks, Change of Address, W2 Reprints & Employee Discounts

SOI.com · TriNet.com/SOI

#### TriNet / SOI EmployeeConnectsm Services

- available 24/7 -(888) 628-4824 guidanceresources.com lincoln4benefits.com

#### **Automated Employment** & Income Verifications

The Work Number Client Service Center (800) 996-7566 • theworknumber.com

#### **SOI Customer Care Center**

(800) 572-2412

#### **Aetna Medical**

(866) 551-6664 · aetna.com

#### **Guardian Dental**

(800) 541-7846 • guardiananytime.com

#### **EyeMed**

(877) 226-1115 • eyemedvisioncare.com

#### **TransAmerica 401K Retirement Plan**

Enrollment, Rollovers & Statements (800) 401-8726 • TA-Retirement.com

## Related TyRex Family Companies









Edited by Joel Coffman, Vikki Rosploch, Amy Moore, Kirsten Baumann and Mike Forcucci. If you have news or something you would like to include in this newsletter, please send an e-mail to news@tyrexmfg.com.

