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LEAN Times

Monthly Update of JEG Lean Information

Securing our Future - Thinking Outside the "Site Box" JE Cadbury's is Buzzing About New PPE after Sticky Situation



There is no event like the Jones Engineering Dublin City Liffey Swim for colour, excitement and spectacle. First run in 1920, the Liffey Swim is the oldest continuously run annual swimming race in Europe. Over 500 swimmers of all ages, abilities and nationalities compete to win the coveted Cup. Wetsuits are not allowed so these brave participants need your support as they make their way 2.2km through the tidal section of the river.

You are invited to come along on the 1st September and soak up the atmosphere. Last year hundreds turned out to clap and cheer on participants as they made their way down the Liffey. Families and friends ran alongside the competitors, as they made their way under 12 key bridges, and even passing tour buses joined in on the action, cheering along with the crowd.



Left:-Richard Conway and Richard Timmins solving the client's problems
Right:-Honey bees on the flange enjoying the feast

Never say "Impossible"

For some people the word "impossible" creeps into their vocabulary on a regular basis. Not so long ago a return journey to the moon would have been considered a ridiculous proposition. Now, we are heading to Mars! Thankfully not everyone thinks the same way.

For some people just the remote possibility engages their imagination, their passion and their energy. Were it not for those people we would still be just gazing at the moon. "Possible" is a position we take — and so is "impossible." What looks impossible to you and your colleagues? What, if it were possible, would bring significantly more value to your customers, your colleagues and your company?

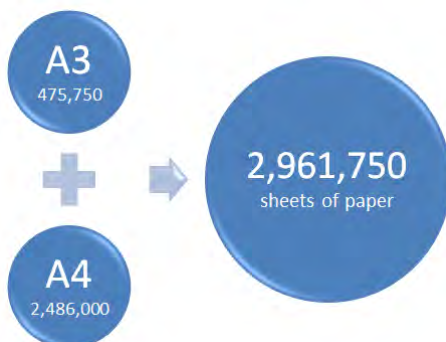
Thankfully the JEG team working on the Cadbury site in Coolock have a "Can do" attitude and don't let potential

problems stand in their way. Our JEG mechanical site Supervisor recently received a phone call from one of the Cadbury Engineers explaining that there was a leak of glucose at the glucose tank pumping station and they needed someone to fix the leak. When the lads went to survey the job, they found that the spilt glucose had attracted hundreds of bees and the area was not safe to work in. Undeterred by this issue, the guys looked for a solution that would still allow them to fix the problem. Pest control specialists were unable to help immediately. When one of the lads suggested bee keeping PPE, he was partially joking.... but this turned out to be the perfect solution!



Avoiding waste! How to make sure you are printing to the right printer.

In LEAN Times 49 from March 2017 we highlighted the amount of paper that we use for printing and copying within JEG.



We have recently been made aware of an additional related problem that is causing more waste and also frustration.

**We need your help to
fix this**

Most staff within JEG use a printer that is installed on the internal network.

However this makes it very easy to click on the wrong printer or to forget to change the selection from the previous printer that was used.



**If your business card ended up on the
plotter.....you'd understand the
problem**

This may not sound like a **large** problem, but next time you walk past a plotter and notice an A0 sized copy of an e-mail or invoice lying there, you'll know what has happened.

This is more concerning than just wasting plotter paper as it may involve printing confidential material to the wrong printer.....the printer may not even be in the same office building.

We are looking for suggestions that will help to fix this problem.

If you have any good ideas, please send them to

lean@joneseng.com

Just like any of our "A Better Way" suggestions, if we use **your** idea to fix this problem, then you will receive a €100 voucher



GOT A STORY TO TELL?WELL, WHAT'S THE STORY BUD?

If anyone has information or news they want to share regarding innovations or Lean Principles on their site, or maybe you have an article or story you want to share. Please feel free to contact the LEAN Development Group at the email address below and we will be delighted to help.

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Catch-up Corner

- Continuous Small Improvements—Big Wins
- The Importance of teamwork
- What Type of a Leader Are you?

If you missed it and want to catch up, Click the link on the front of the e-zine Or send us a mail and we'll resend it.

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Jones Engineering Group, bringing Lean to where we brought safety in construction

“You can’t use up creativity. The more you use, the more you have.” Maya Angelou

In a company the size of Jones Engineering security is vital. With approximately 7400 items of plant and equipment, looking after and holding on to these assets is a priority. Over the years and through the many projects we have worked on we have amassed a large cache, in excess of 350 items, of storage units, roll-a-rounds, site stations, etc.

With the emergence of Lean Thinking in construction and the continuous growth of the company we are constantly looking for new innovations and products to improve all elements of our processes including security of our assets. In LEAN Times 64 back in June we featured an article from An Garda Síochána, [Secure It Keep It - Crime Prevention Within The Construction Industry](#). Here we were informed about theft in the Construction Industry and how An Garda Síochána and the Construction Industry Federation are taking a proactive role to crime prevention in the construction industry. But as in all situations we are all responsible for our own valuables and must take our own steps to guarding them.



Recently we have teamed up with Armorgard, a leading manufacturer of innovative product solutions based around safety and efficiency on construction sites. In this issue of LEAN Times we highlight some of the Armorgard products most relevant to our site operations. Like Jones Engineering, Armorgard began as a small company which has developed into a Europe-wide manufacturer shifting over 40,000 units a year. Their culture for producing unique innovative products is based on direct feedback, just like our ‘A Better Way’ system, they welcome your feedback particularly if you would prefer a practical meeting to discuss product design etc. Contact drew@armorgard.co.uk

1 Every time we start a new project we are at the behest of the Project Management teams who can insist that all contractor set ups are required to be painted brown, grey or any colour they choose. They may also require a specific type of notice board displaying the particular type of criteria that is relevant to their project. Armorgard have stepped up to the mark here and supply a lock up type notice board / safety station.



Instructahut™ has many talents.... **It's a meeting** point, an emergency station for your First-Aid, fire and H & S items, a notice board for your regulatory documentation and more. This all-in-one solution provides a home for the lot and is therefore an essential part of your on-site inventory. Features include two ample shelves and a double sided backboard to mount mandatory information or equipment such as a First-Aid box or fire blanket. **Instructahut™** is weatherproof, self-supporting and built to last for years on construction sites. It is also painted in a highly visible red colour, so everyone will know where to find it.

- On-site emergency station and central meeting point
- Displaying key H & S and insurance information

2 Real estate has become a massive issue on construction projects nowadays. Most sites don't have room for contractor workshops or site set-ups. On a lot of the larger projects there could be several mechanical contractors, several electrical contractors and several civil contractors, all pushing for areas for storage, prefabrication, cut brackets, etc. Armorgard have cut the mustard again with a solution to some of these problems. Firstly there is the Armorgard **cuttingstation™**. This is a neat mobile workstation that eliminates the need for a separate cutting room and is essential for safely cutting lengths, such as conduit, pipe, cable trays, containment and brackets.

Some of the Cuttingstation's features are:

- Lighting
- Chamfered corners to reduce noise
- Expandable working area to accommodate mitre saws
- Cutaway sides to cater for easier handling of longer lengths
- Changeable support arms for quicker and easier changing of 4 different configurations

Integral safety features include:

- Rubber matting
- Fire-rated
- Noise-cancelling foam
- PVC screens to sparks

Extraction and air filtration units can easily be fitted and a roomy, lockable cupboard provides secure storage.



3 Over the last number of years we have seen a huge number of Process type projects being undertaken, such as Semi-Conductor factories, Pharmaceutical plants, Data Centres; etc. Cleanliness is paramount on these type of sites leading to the use of highly expensive vacuum cleaners. These vacuum cleaners often have to be used when drilling or cutting in the field.

Another innovative solution to this issue is the Armorgard **xtractabench™**. Protect your workforce and work area from dust and fumes with xtractabench, the All-in one workbench and extraction management unit. This sturdy mobile unit is a must-have for anyone cutting, grinding, routing or working with materials such as metal, plastic, wood or plasterboard.



The key features of the **xtractabench™** are a perforated downdraught work surface and housing for an extraction or filtration unit underneath. Dust and fumes are drawn directly away from the working area and a collection hopper is built in to catch heavier particles and dust. On the side of the bench is a convenient fold-down shelf to mount your M or H class vacuum for on-tool extraction.

We have already purchased a number of Site Stations for several of our projects which can be customised to suit individual needs, such as internal whiteboards, lighting, castors for easy mobility, etc. We featured these in a previous LEAN Times.



4 **tuffbank™** sets the industry benchmark in quality while also delivering outstanding value for money. Its heavy duty steel plate construction and unique Armorgard anti-jemmy technology mean that it is virtually impregnable to all but the most sophisticated thief.



These boxes come with an internal locking system so the lock barrels cannot be drilled out. Each box comes with its own unique key code so if keys are lost Armorgard provide a replacement key service.



5 The **oxbox™** is the most popular site box for all new projects. This simple and dependable solution for securing tools and equipment is a medium duty range site box designed for use where budget is a consideration but with no compromise on quality. It shares many of the premium features found on its higher priced companion ranges, including locks, hinges, gas struts and paint finish, while its unique ‘folded’ construction delivers outstanding strength.



Manufactured from 1.5mm and 2mm steel, the **oxbox** is available in 6 popular sizes and offers dependable, cost-effective security for your tools.

If you require any further information regarding the range of products from Armorgard feel free to contact the Plant Department or the Purchasing Department and quote the name of the product you are interested in. For more information visit:

www.armorgard.co.uk

“Some men see things as they are, and ask why. I dream of things that never were, and ask why not.” George Bernard Shaw