

# BRIGHT ENG NEWS

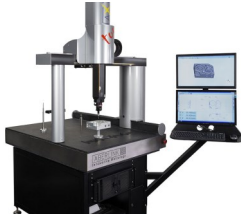
A periodic newsletter brought to you by Bright Engineering (Precision Products) Ltd



## Top stories in this newsletter



Night shift launches  
September 2018



New CMM installed and  
delivering results!



AS9100 re-accreditation  
successful to Rev D



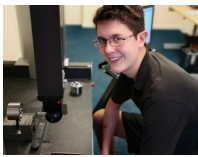
Industry 4.0 development  
plan kicks in...

## Launch of night shift will increase capacity by 1000 hours per month



Due to significantly increased demand over the last few months, the management team has made the decision to launch a **night shift** which will begin in the first week of September. The shift will initially be manned by five operators, including Night Shift Manager, but will have significant scope for expansion if required. The Company has seen a huge surge in demand for its services, particularly in the last 6 months with a **300% increase to its open order book**, and overall a **40% increase in sales turnover**. The new night shift will allow the Company to continue its plans for growth, and more crucially enable us to offer an **improved level of service** to our valued clients, whilst maintaining OTIF figures that they expect and deserve.

## Aberlink CMM delivered this summer now reaping rewards



Bright has just received its delivery of a **brand new Axiom too CNC CMM measuring machine**. Training has already taken place, and the strategy for this new equipment is to have more people in the business trained to use it. The Aberlink comes with user-friendly software, a twin screen arrangement, and a **hi-tech camera system**. Since its arrival, the CMM has not stopped working, and we are delighted to witness reduced timeframes for inspection pass-offs, increased uptime of CNC machining centres and an overall **improved accuracy** of production components. To reduce bottlenecks, Bright is determined to make this technology available to a larger number of colleagues and as such we currently have two enthusiastic apprentices training to use the technology!

## AS9100 recertification successfully achieved to the Revision D standard!



Last month was the time for our annual recertification process to the AS9100 standard, this time to the new Revision D. The standard features more in-depth requirements for **business planning, risk analysis** and disaster recovery. Issues such as bribery, human factors and counterfeit products have also been brought more to the fore and in line with 21st century business practice. Bright is proud to confirm that the audit ran smoothly and the Company was awarded its certificate to Revision D, with a **clean bill of health** and no non-conformances whatsoever. We'd like to thank the team involved for all their hard work, and to our wider workforce for welcoming the auditor to our site.

## Industry 4.0 and a deep commitment to training... a key to a successful future.



Bright recently exhibited at the Farnborough International Air Show 2018. Based on contacts made at this show, and continued development of existing aerospace clients, we see a tangible and increased demand for high quality subcontractors offering **world-class services**. The Industry 4.0 agenda therefore becomes ever more prevalent as the need for data and connectivity grows. The Company has been developing its IT infrastructure for some time, to allow for benefits such as remote working, live real-time display of KPI metrics in the business, and **ERP that is fully-integrated** across every department in the business.

As we take Industry 4.0 ideas to a more advanced level however, we are currently testing various new initiatives to **improve service levels**. One of which is live advanced vehicle tracking where 'geofences' can be set around customer addresses, thereby allowing automated communication to clients when deliveries are made. The 'smart bench' concept (pictured left) is also currently being tested which will allow paperless '5S centric' production conforming to AS9100 - allowing each operator to access drawing, route card, associated documents, and crucially ERP and shop floor data collection. These terminals in the next 12 months will also be enabled for a complete factory monitoring suite which will allow all machine tools in the factory to be 'connected' and maximise the efficiency of all manufacturing resources. Along with technology, the business needs good people, and our apprenticeship programme continues to be extremely successful, with currently six active apprentices going through training.

**News and events coming soon:** Repeat export mission to the United States, 5 axis machining on its way, Smart bench rollout as part of our Industry 4.0 Smart Factory initiative, Additional CNC Lathe September 2018 providing 200 hours additional capacity per month, Customer Service Manager begins new role September 2018