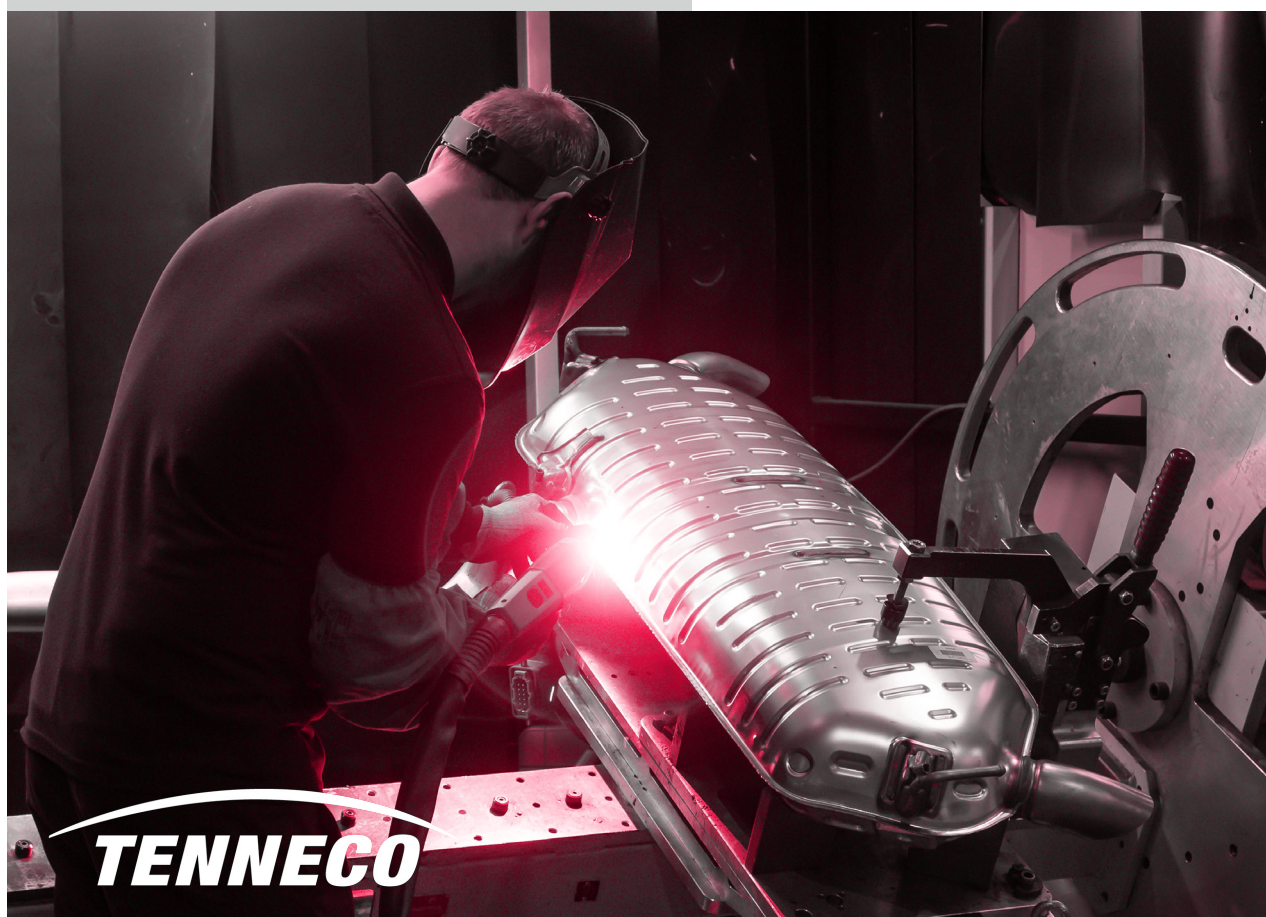


MADE
CYMRU

CASE STUDY



Prifysgol Cymru
Y Drindod Dewi Sant
University of Wales
Trinity Saint David

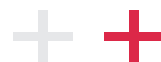


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European Social Fund



Jon Caswell
Production Group Leader
Tenneco



Tenneco is one of the world's leading designer, manufacturers, and marketers of automotive products for original equipment and aftermarket customers, with approximately 78,000 team members working at more than 300 sites worldwide.

Jonathan Caswell, Luc Saunders, Christian Sandry and Conor Protheroe from the Merthyr Tydfil site, recently completed their Continuous Improvement with Industry 4.0 course with MADE Cymru. We spoke to Jon Caswell about the course.

What does your role involve at Tenneco?

I was recently seconded from Team Leader to Production Group Leader. This means that 3 Team Leaders and about 50 Team Members & Welders report to me. The new role is an opportunity for me, and I believe my successful completion of the Six Sigma training was a factor in the decision to second me to Group Leader.



What made you sign up to MADE Cymru's Continuous Improvement with Industry 4.0 course? What did you hope to get out of it?

I am always keen to learn; when an opportunity was offered to me to sign up to the MADE Cymru course, I took it. I am interested in continuous improvement and often carried out small projects as a Team Leader.





What were the final results and impact of your project?

Successful removal of 100% Quality Wall, by significantly reducing the failures causing defects and reducing spend on QW inspection: resulting in an annual saving of £28,000.

How will you build on this impact – what is next?

Mirror the improvements on our next Launch, L461, in hand now.



“The tutor, Dave Jones delivered a fantastic presentation each week, teaching us the tools to continuously improve our company. It’s a great qualification that helps us and Tenneco. I learned a lot by doing the course project in real time to resolve current issues in the FA3 value stream. I would recommend this course to anyone willing to invest in themselves and make positive changes”

Jon Caswell, Tenneco.

Prior to studying with us, what and when did you last study?

We did an ON-RAMP course (Tenneco Leadership Training in 2020) and IOSH in 2021. Before that I studied Business Management in College 2012.

How did you find the course?

Brilliant, I learned loads. Dave Jones the trainer really did a great job in educating our group in Industry 4.0 technologies and Six Sigma disciplines.

What was the challenge that your final project sought to address?

Reduce Quality Wall (QW) inspection for exit criteria on L460 Launch

What was the process you went through to address this challenge?

I found that utilising DMAIC - emphasising the importance of defining the project and properly analysing data before beginning improvement work - was the most effective concept. Prior to taking the course, I tended to jump right into the work without adequate planning.



“It’s been fantastic teaching Jon, Luc, Christian and Conor from Tenneco. They’ve been enthusiastic, motivated, and driven since day 1 and the impact of their group project has been incredible. Tenneco as an organisation is passionate about continuous improvement and that is very evident”

Dave Jones, MADE Cymru.

“Working with the students is always a great learning experience for us all. This programme is designed to really support the continuous improvement culture through the recognised Six Sigma disciplines to improve the process but adding a further dimension of Industry 4.0 technologies to manage the complexity that you are left with”

Graham Howe, MADE Cymru.



To find out more about the MADE Cymru Upskilling for Industry 4.0 and Innovation Management courses, please visit www.madecymru.co.uk

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