



Gold Project - Assessor Feedback - 2024/25

School: Droitwich Spa High

Supporting Company: Worcester Bosch

Team Name / Project Title:

THE POPCORN EFFECT

Hydraulics clip de-tangling and delivery

Communication Skills: Report/Presentation

This small team delivered a comprehensive report and presentation. They spoke clearly and ensured each team member took turns to talk to the panel. They also gave a live demonstration of their concept which brought their presentation to life and allowed the panel to visualise the solution clearly.

The report was well laid out – the context was clear, and the report allowed for an end user to follow their journey and understand their conclusions.

The report layout was clear and concise, and they have used appropriate fonts and spacing to allow multi-users to clearly digest details – this is an important skill.

The use of images and graphics felt appropriate and overall, the report looked professional.

Technical Skills: How did the team solve problems?

The team initially had 4 members and when they lost a team member they had to problem solve quickly to reallocate responsibilities. The manner in which this team tackled the initial issue was brilliant – they realised there was more than 1 problem but chose to focus on 1 issue and develop a initiative solution to resolve it. This reflects real world issues – not every problem can be tackled so to focus on 1 issue meant they could be more effective. I liked the fact they did consider the handling system and inbound product delivery methods before moving on to the 'in use' production issue.

They had considered the end user of this design, and the ongoing maintenance requirements so gave some thought on how to make preventative maintenance user friendly. Whilst they still had some teething issues with the clips sticking to the magnet of the speaker – they had proven the concept well and the delivery tray below would benefit from further review to allow users to better place their hands to avoid impacting on the hopper legs. Overall, this team has done a fantastic job developing a usable solution.

Project Management Skills: time management, team working etc.



This team worked well and managed their time well. Whilst a Gantt chart was not available in the report it was clear to see the team worked well and the report was finished to a high standard which did not indicate time management issues. They had all learned more about communication and teamwork throughout this project and felt they had all improved their soft skills.

Concluding remarks and additional recommendations:

Overall, a fantastic team and a super solution to a production problem that could have wider reaching benefits at minimal installation costs / maintenance costs and using low energy makes this an energy efficient solution too.

I would always recommend holding 'open body language' when presenting and remember when on camera the audience is more focused on the individuals – keep arms open and keep smiling throughout to maintain engagement.

The acknowledgements in the back of the report were a very nice touch too.

Well done to Amy, Owen and William – You have all worked incredibly hard and you should be very proud of your achievements. I hope that you can get further feedback from Bosh in the future with this design concept.

Name: Josie Sherston TechIOSH

Organisation: Tarmac Cement Ltd