



Case Study – Alcohol Recovery Centre

The ARC is a multi-agency partnership between South Western Ambulance Service NHS Foundation Trust, Avon and Somerset Constabulary, Bristol City Council, NHS Bristol Clinical Commissioning Group, and National Licensed Trade Association (NLTA). This major national scheme is the first of its kind to treat people affected by alcohol. The Alcohol Recovery Centre is a state-of-the-art 65 foot long vehicle equipped with several beds, a waiting area and showers. With these secure vehicles the hope is to reduce the number of visits to hospital accident and emergency departments and give greater visibility of police presence on our streets by enabling emergency care practitioners and paramedics to offer on site support to people who have become vulnerable due to alcohol.

Brief

DDC Dolphin was approached by David Wilson Trailers as the specialist in sluice room design and asked to provide a solution to the installation of a pulp macerator and slop hopper in a mobile unit. The project was on a tight deadline and needed to be operational within 6 weeks. A DDC engineering team was needed to review the project and establish how to make it viable for a macerator to function in this environment.

Solution

Working closely with all other unit engineers our experts were able to give advice on the position of the waste, water tanks and volume of water required to run all the amenities within the unit. Once the location of the tanks had been established our engineers were able to fit both the macerator and slop hopper into the unit within the time schedule ready for its launch date.

Outcome

“DWT were impressed by the level of knowledge and flexible thinking DDC Engineers were able to provide in helping us to meet the client brief to install a macerator into the mobile Alcohol Treatment Centre. We had to find a unit which was economic on both power and water usage and still able to complete the task required as well as a company who could provide and install the equipment within a tight deadline. The requirements of mobile units are quite different to building installations and the lateral thought which DDC were able to apply was invaluable”.

Pip Wilson - Project Manager, David Wilson Trailers Ltd.

