

Assenta Rail

Bridging the Gaps in the Rail Industry

From the adoption of modern technologies to the increased focus on green initiatives, we have seen more change in the rail industry over the course of the past twenty years than we could ever have imagined.

Creating a Hub for Change

Engineering specialists at heart, since 2001 we have been enthusiastic about solving challenging engineering problems. This led us to establishing our depot in Hamilton, Scotland as a base for our operations in 2019. One of only two independents in Scotland, the depot has enabled us to bring our engineering offering in-house and provide an end-to-end turnkey service to our clients.

Since its opening, we have installed a paint shop and conducted extensive upgrade works to tracks and sidings. We have also seen an increase in new clients and requests to use the depot for a diverse range of activities.

Our depot also provides benefits to



local industry. Maintaining vehicles in Scotland as opposed to being transported elsewhere is enabling operators to reduce emissions and increase skills and capabilities, much closer to home.

Nurturing Local Talent

At Assenta Rail, we are committed to nurturing local talent. Our depot provides employment opportunities for local engineers, technicians and artisans.

We are proud to take on apprentices and trainees and guide their skills and development through

partnering them with existing team members, enabling new employees to soak up the knowledge and guidance that our more experienced people can provide.

The local community reaps benefits, retaining the minds that keep the railway moving in Scotland and developing the next generation of engineering talent.

Harnessing the Power of ECM

As defined by the **ORR (Office of Rail and Road)**, people or organisations who are responsible

for the maintenance of vehicles used on the mainline railway are known as entities in charge of maintenance (ECMs). Most vehicles on the mainline railway are required to have an ECM assigned to them in the National Vehicle Register (NVR) and depending on the type of vehicle, the ECM may also be required to obtain an ECM certificate from a certification body.

This requirement is revolutionising the rail industry for better. We are proud to have achieved our ECM certification in 2017 initiated in part through our work with the **Commission for Railway Regulation (CRR)**, and remain the only independent, and arguably one of the smallest, companies in the UK to achieve this.

As a certified ECM for freight vehicles and an attested ECM for passenger stock, we always adhere to strict control processes and systems to ensure works are conducted safely and in line with regulatory requirements and defined maintenance specifications.

Continuous auditing ensures that we consistently deliver a reliable and premium service to our clients, a core objective at Assenta Rail. Customers can be confident when they partner with us that we deliver results that make a tangible impact on the day-to-day running of their operations, alongside improving

efficiencies and driving innovative ways of working.

Evolving Engineering Solutions for the Rail Network

Driven by the socio-economic climate, the rail industry is encountering challenges that we have never seen before. The need for goods that are no longer available or easily accessible is one such challenge that we have recognised.

For example, the industry has been experiencing a lack of access to axle-boxes. We viewed this as an opportunity to create something new, taking the existing design and modifying it to suit current requirements. This has resulted in a product that is cheaper, efficient, and more importantly, available, and will provide benefits to the industry for many years to come.

We have also been working closely in conjunction with the ORR on an innovative central door locking (CDL) project, exploring how we can retrofit CDLs on older rolling stock, to comply with new legislation.

We have designed a bespoke CDL system that can be adapted to different vehicle types, ensuring safety underpins each engineering

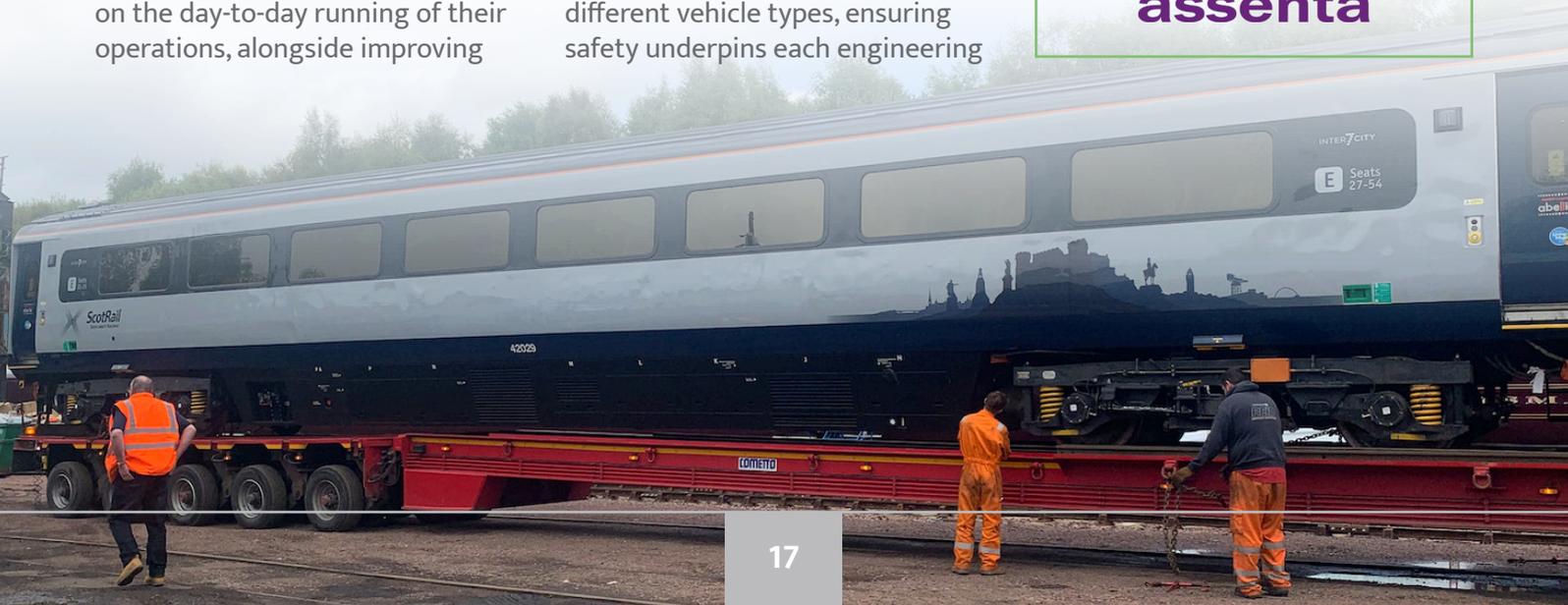
design decision we make. This was initially due to be completed by 2023, however due to delays posed by the pandemic, development has halted, and we are working closely with the ORR to secure extensions for our clients to 2025.

CDL will become a standard in the future, and we are proud to play a part in enabling this to happen.

Looking Ahead to the Next Twenty Years

The myriad and complexity of challenges we are experiencing is likely to be of no surprise. However, through the power of innovative engineering solutions, we can tackle these head on and make a positive change, not just now, but for the future.

If you would be interested in learning more about how Assenta Rail can support you with your needs, get in touch with Lewis Rodger, Compliance Manager, via l.rodger@assenta-rail.co.uk





DEDICATED TO
PROVIDING BESPOKE
RAIL SOLUTIONS

Assenta Rail

Our expertise covers a wide variety of vehicle types including passenger stock and freight wagons. With projects ranging from small modifications on individual vehicles to large fleet refurbishment and replacement.

As a certified Entity in Charge of Maintenance (ECM), we adhere to strict control processes and systems at all times in line with regulatory requirements.

Assenta Rail has an expansive range of depot facilities including: Paint Shop, Bogie Press, Vehicle Lifting Jacks, Overhead Crane and Workshop with Pits.

Specialists in:

- Heavy Maintenance
- Light and Running Maintenance
- Vehicle and Component Overhauls
- Modifications and Repairs
- Vehicle Painting
- Project Management
- Design and Consultancy



CONTACT US

EDINBURGH OFFICE:

SUITE 30 BONNINGTON BOND
2 ANDERSON PLACE, EH6 5NP
TEL: 0131 516 7110

HAMILTON LIGHT MAINTENANCE DEPOT

25 DALZIEL STREET
HAMILTON, ML3 9AT
TEL: 01698 207947