CASE STUDY:

NEW INLINE COUPLINGS SOLVE SAFETY ISSUE FOR RAIL COMPANY

Banlaw has used its design expertise to solve the problem of **Pacific National operators** being doused in fuel when disconnecting in-line refuelling hoses between tanks and locomotives.

THE PROBLEM

On long rail journeys Pacific National trains have a wagon to pump fuel into the locomotive as it gets low.

The problem was that when operators disconnected the hoses between the wagon and locomotive they would get a splash or spray of fuel. This was due to either residual pressure in the hose as well as the fact that the couplings were not completely dry break.

A new coupling was required to:

- Enable coupling with residual pressure in the line
- Withstand leaking under load & vibration
- Allow safe & reliable unattended refuelling

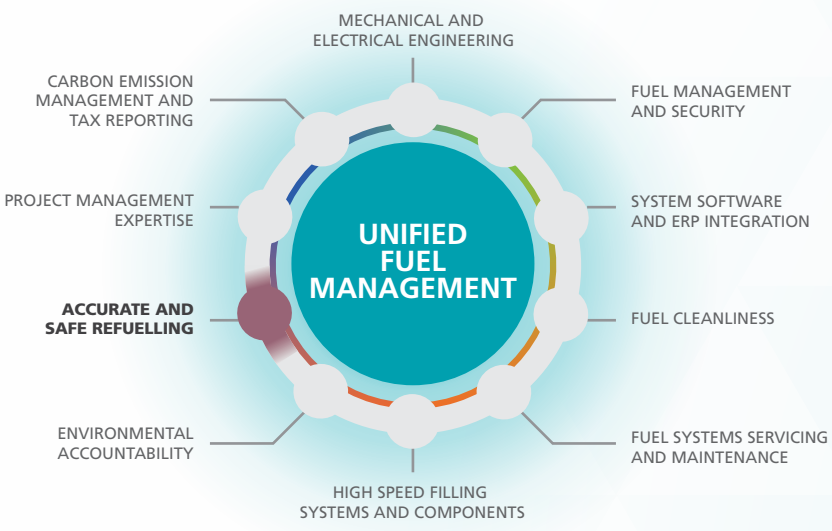
THE SOLUTION

Banlaw and Pacific National entered into a research and development agreement whereby Banlaw designed a new inline coupling which Pacific National trialled for 3 months in 2013.

The trial was a success. Pacific National have since purchased an initial order to fit out one of its fleet of locos.

KEY FEATURES

- **An inline connection bulk transfer coupling that's easy & safe to use**
- **Dry-break design is leak free under load & vibration**
- **A simple twist lock mechanism ensures engagement**
- **All steel/stainless steel**



Having the right coupling is just **one way to better manage your fuel supply** from buy to burn.

Talk to the pioneers in refuelling at Banlaw to find out the best way to **unify your fuel supply.**

More Information

Banlaw's new inline couplings are now available to you.

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