

Job Title:	Principal Engineer – Fleet	
Purpose:	Nexus technical lead in fleet engineering matters across capital projects, maintenance, and operations. The Principal Engineer – Fleet will ensure that Nexus fleet assets – including Class 555s, Class 599s, on-track plant (including road rail vehicles), on-track machines, general traction/ rolling stock, Shields Ferry, and other fleet related interfaces meet all relevant statutory, regulatory, and industry best-practice engineering standards. The Principal Engineer – Fleet will work collaboratively with internal and external stakeholders, particularly SRSUK and STAS.	

Person Specification

Date: 21/09/2026

ESSENTIAL
EDUCATION
Relevant degree in engineering, or equivalent industry experience in a relevant engineering discipline.
SPECIFIC KNOWLEDGE
Knowledge of fleet engineering principles in both project and non-project workstreams, including performance and reliability.
Knowledge of fleet engineering information and data, and associated analysis/ data interrogation
Knowledge and experience of relevant fleet engineering regulations, British Standards, and other industry guidance.
Knowledge of a wide range of Rolling Stock systems and how they operate.
Knowledge and experience of general engineering/ construction regulations, British Standards, and other industry guidance.
Knowledge and experience of Health and Safety Legislation.
EXPERIENCE
Demonstratable fleet engineering experience in both project and non-project workstreams.
Demonstratable experience in producing analysis, specifications, reports, standards, procedures, processes, documentation, etc.
Demonstratable experience in the assessment of assets, their condition, and asset lifecycle management.

DESIRABLE
Chartered Engineer status or working towards.
Membership of a relevant Institution to railway, rolling stock or asset management fields.
Working knowledge of fleet engineering maintenance software/ computerised maintenance management system.
Familiarity with BS EN 50126, it's principles and how it is applied.
Experience of reliability centred and risk-based maintenance.