

RAMFER

▶ OUR SERVICES

MAINTENANCE ENGINEERING

- ECE approved according to regulation 779-2019 for locomotives, on-track machines and wagons
- Entity in Charge of Maintenance (ECM), wagons approved according to European regulation 445/2011, Li, ECM Locos
- Maintenance plan creation
- Maintenance / dispatching schedule management
- Studies, reliability, optimisation of maintenance plans using lessons learned
- Certification (RFN-CG-MRO A-00-N°002 and IN1418) preparation
- Electronic/mechanical/hydraulic changes
- Integration of new systems (MESA 26, ECOSTOP, etc.)

PREVENTATIVE MAINTENANCE WORKS

On all our sites:

- Maintenance of rail/road machines (excavator, access platform, ELAN, etc.)
- Maintenance of all types of on-track machines (tamper, regulator, etc.)
- Maintenance of locomotives with underframe visual inspections/technical inspections and IH5 (main revision), conventional machines and tools

In the Ateliers des Flandres:

- Revision of all types of 'dry' wagons and locomotives

At your hubs, industrial sidings, sites, logistics bases and works bases:

- Wagons, technical inspections, underframe visual inspections, level 1 and 2 maintenance
- Locomotives, machines, on-track machines, technical inspections, underframe visual inspections, level 1 and 2 maintenance

CORRECTIVE MAINTENANCE WORKS AND TROUBLESHOOTING

- Hotline troubleshooting, 24/7 after-sales service contract
- Mobile maintenance from all our sites
- Technical assistance, expertise, telephone diagnostics
- Locomotive and wagon rerailling on private track
- Restoration following an incident / accident

MAINTENANCE OF ASSETS

- Repowering – Retrofit
- Locomotives (IH4, IH5, IH6, HU, etc. [main revisions]), on-track machines and rail / road
- 10/15-year maintenance of machines
- Digital safety inductions

In 2017, Colas Rail opted to create a commercial brand to establish itself permanently on the railway rolling stock maintenance market.

RAMFER: Réseau des Ateliers de Maintenance ferroviaire. **Deployed over five sites, in four corners of France**, the RAMFER network is specialised in the maintenance of rolling stock and machines, particularly in the rail sector. We provide Railway Companies and Track Work Companies with our equipped workshops, mobile maintenance teams, experienced workforce, maintenance methods, hotlines and innovative solutions, such as ECO STOP (the Start/Stop system well-known in the automotive sector, adapted to on-track machines).



▶ INDUSTRY ENVIRONMENT

- Rail operations
- Maintenance & technical inspections
- Railway safety & prevention



INNOVATION AND CSR ADDED VALUE

ECOSTOP: logical system developed by Colas Rail, allows the driver to switch off and restart the machines diesel engine during periods of parking or waiting. When the locomotive is stationary with the engine idle and the brake activated, ECOSTOP automatically stops the machine and uses its available energy to ensure a sustainable restart. This change saves fuel, reduces CO2 emissions and improves the machines operating quality.

AIR CONDITIONING: use of 1234YF gas

VEHICLE: light electric response vehicles

RÉFÉRENCES MAJEURES

FRANCE

Colas Rail
Alphatrains
CTSF
EUROPORTE
AKIEM
BEACON
WASCOSA
ERMEWA
ARMEE
TTH
EQUANS



IN FRANCE

5 sites

which opened in the 2000s: in different regions of France to better connect with our customers

€964 millions

replacement value of our equipment

26 engineers

working in our design offices

61 technicians

specialists in our 4 maintenance centres

24 partners

available for fast response times.

