

Customer Training

for Mirrlees Blackstone, Paxman,
Ruston and English Electric engines



Building Employee Skills and Improving Engine Performance

MAN Diesel | PrimeServ

Supplying, servicing and maintaining **Mirrlees Blackstone**, **Paxman**, **Ruston** and **English Electric** diesel engines is MAN Diesel PrimeServ UK's core business, and a key element of this is customer training.

Our training service represents a valuable investment in two ways: it improves the skills and productivity of your employees and it enhances the performance of your engines by making them run longer, more efficiently and more reliably.

We deliver training at our purpose-built Customer Training Centre in Stockport, UK, and we can also provide it on-site at your business location anywhere in the world. We run regular scheduled courses on the different engine types, and we also design and deliver bespoke courses according to your specific needs.

Our 1-week courses are for engineers or operators who want to gain a better insight into engine design and operation. While predominantly theory-based, they can include practical work for specific engine types.

Our 2-week courses are for operators and maintenance staff needing more detailed 'hands-on' instruction and practical participation. The course covers theory and practice of all major maintenance tasks and overhaul procedures for a wide range of engine types, including trouble-shooting techniques.

Our schedule of planned training courses is updated regularly but we remain flexible and dedicated courses can be arranged for different engine types. We can also provide training-based overhaul supervision in various parts of the world in conjunction with our local MAN Diesel PrimeServ offices and agents.



Key benefits:

- > Cost-effective training with measurable returns
- > Improved operator skills resulting in more efficient performance
- > Theoretical understanding to minimise problems and aid trouble-shooting
- > Reduced downtime through more skilful operation and maintenance
- > Practical, hands-on instruction for a wide range of engines
- > Comprehensive, flexible training for all levels of staff
- > Tailored courses for specific requirements or engine types
- > UK-based and worldwide, with on-site delivery where required
- > Specialist training for engine associated equipment including turbochargers, governors and control systems

Delivering Lifetime Confidence Through Worldwide Service

Typical course content and outcomes:

- > Safety issues relating to operating and maintaining diesel engines
- > Operational cycle of the four-stroke diesel engine
- > Identification and location of all engine components
- > Engine construction and overall design concept
- > Specific engines' operation and monitoring systems
- > Identification of problems via systematic monitoring and trouble shooting
- > Preventative maintenance
- > Identification and familiarity with special service tools
- > Practical maintenance tasks for specific engine types
- > Methods of component measurement to evaluate their suitability for further operational use
- > 'Cylinder balancing' including interpretation of measurements and making corrective adjustments
- > Operation and maintenance of associated equipment including turbochargers, fuel injection pumps and injectors, governors and control systems, and cooling and lubricating systems
- > Opportunity to meet members of MAN Diesel PrimeServ UK field service and spare parts teams



Engine types covered

We provide training for all the following engine types. Most of these engines are in situ and available for practical work as part of the course programmes.

- > Mirrlees Blackstone K & KV series
- > Mirrlees Blackstone MB430
- > Mirrlees Blackstone MB275
- > Mirrlees Blackstone ESL Mk1 & Mk2
- > Mirrlees Blackstone MB190
- > Paxman VP185
- > Paxman Valenta (RP2000)
- > Paxman Ventura (YJ)
- > Paxman RPH and Vega
- > Ruston RK270
- > Ruston RKC
- > Ruston RKG
- > Ruston RK215



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