

PRODUCT TRAINING CENTER COURSE DESCRIPTIONS

ATT: ATGL ENGINE TECHNOLOGY

PREREQUISITE: Gas Engine Technology

This is a newly revised, comprehensive program designed for the ATGL family of engines. The program includes balancing the cooling system and descriptions of the lubrication, intake and exhaust, engine protection and fuel systems, including fuel system adjustment. It also includes Turbocharger Control Module (TCM) training (including programming) primarily because TCM is unique to the ATGL product series. Hands on shop activities include: Cylinder head & power cylinder overhaul procedures, pump overhaul procedures and valve adjusting.

ESD: ENGINE SPECIFICATION AND SYSTEM DESIGN

Authorized Power Partner and Distributor Personnel Only

This course is designed specifically for sales, marketing, and technical professionals interested in improving their application engineering knowledge necessary to apply Waukesha products. The use of technical publications and solving engineering calculations will be emphasized. It is strongly recommended that students attend the Gas Engine Technology Course prior to attending ESD.

FA: FAILURE ANALYSIS

Authorized Distributor Personnel Only

This course is developed specifically for Certified Technicians who investigate engine failures in the field. It is designed to help them better diagnose failures and their causes. A portion of each program is devoted to teaching theory, before actual failures are analyzed. Second, students adopt a new vocabulary established by the American Society for Metals and will be able to communicate consistently with the Waukesha factory. Third it will provide a new level of insight as to when to seek professional help from metallurgical laboratories during the diagnostic phase of failure analysis.

ECT: ENGINE CONTROL TECHNOLOGY

PREREQUISITE: Gas Engine Technology (mandatory), and knowledge of electronics and basic computer fundamentals is important.

This course is designed for technicians who will be responsible to install, adjust and troubleshoot the CEC family of engine control components including the Detonation Sensing Module, Air Fuel Module and the Engine System Manager.

GET: GAS ENGINE TECHNOLOGY

PREREQUISITE: None

This course is the foundation for all engines. The information can be applied to virtually all gas engines and is very comprehensive in all areas of engine maintenance, operation and troubleshooting. This course is recommended for anyone who is responsible for the servicing of Waukesha products, but also for those who desire a thorough understanding of gas engine theory and technology not easily obtained in the field.

VGf: VGF TECHNOLOGY

PREREQUISITE: Gas Engine Technology

This course is designed specifically for the VGf family of engines. Specifications, installation and overhaul procedures are specific to the VGf engine. Hands-on exercises will be performed in the engine workshop on both the F18 and L36 engines to ensure a thorough understanding. Product update information will also be discussed.

VHP: VHP TECHNOLOGY

PREREQUISITE: Gas Engine Technology

This newly revised course thoroughly covers the designs, adjustments and procedures that are unique to the VHP engine line. Students receive hands-on training in small groups on overhaul procedures, fuel adjustments and troubleshooting.

(See back page for CD-ROM and video training programs available to order.)



All engine related service programs taught at Waukesha are designed for individuals who have a basic understanding of engines and have a need to learn more about the specifics of Waukesha products or natural gas fueled engine technology.

Waukesha Engine also provides training on location (including overseas) if adequate student numbers are available. Contact your local distributor for details and costs.

HOW TO ENROLL

Enrolling in our courses is easy. Visit our web site at waukeshaengine.dresser.com to view the course schedules for the year. Once you've selected the course(s) and date(s) you'd like to attend, simply contact your local distributor.

Your Distributor will contact the Waukesha Product Training Center to determine if there is still space in the training course. If a desired course is filled, you may request to be put on a waiting list. If the waiting list grows too large, the Product Training Center may open an additional course to handle the demand.



Waukesha Engine Product Training Center Course Descriptions

WAUKESHA ENGINE PRODUCT TRAINING CENTER • 320 N. Prairie Avenue • Waukesha, WI 53188 • Phone: (262) 549-2665 Fax: (262)-549-2618

www.waukeshaengine.dresser.com





TRAINING THAT COMES TO YOU

The Waukesha Product Training Center has a variety of CD-ROM and video training programs available for order. The chart (right) indicates the programs that are currently available.

Using the CD-ROM disk, the engine operator can view a training program (including video clips) on their computer.

A training program (including video clips) is viewable from the CD-ROM on the engine operator's computer screen. A major advantage of the CD-ROM format is that the training has a dual purpose: it can be used as a job aid as well as an individualized training program. If an operator has a question or wishes to view some portion of the training for which they desire additional information, they can select a specific topic from a whole listing of short subjects from a menu, and only that portion is viewed. Information is located and viewed quickly and easily, making the training CD much more user friendly. Some programs are also available in standard VHS video cassette (pictured above).

Waukesha
Product Training Center
Operator Training CD-ROM



Form 1255 7/02

Name of Program	Engine Series	Video	CD-ROM
Ignition System Troubleshooting	All		P-1250
VGF - Adjusting Valves	VGF		P-1227
KDM - Operator Training	VGF Inline		P-1224
EOT - Lube Oil Analysis	All	476603	
EOT - Breathing System	VHP	476600	
EOT - Ignition System	VHP	476601	
EOT - Lubrication System	VHP	476602	
EOT - Cooling System	VHP	476604	
EOT - Fuel System	VHP	476605	
EOT - Valve Adjustment	VHP (non-Series Four®)	476606	
EOT - Engine Maintenance & Inspection	VHP	476607	
EOT - Video course (8-tape EOT set)	VHP	476615	
Series Four® Product Training	VHP		P-1222
ESM - Operator Technology	VHP		P-1245
ATGL Operator Technology - Valve Adjustment	ATGL		P-1242
ATGL Operator Technology - Breathing	ATGL		P-1232
ATGL Operator Technology - Fuel System Components	ATGL		P-1230
ATGL Operator Technology - Ignition System	ATGL		P-1236
ATGL Operator Technology - Lubrication System	ATGL		P-1234
ATGL Operator Technology - Cooling System	ATGL		P-1244
TCMII - Operation, Programming, Troubleshooting	ATGL		P-1219
CEC Ignition Module	VGF, VHP, ATGL		P-1238
DSM - Operator Technology	VGF, VHP, ATGL		P-1220
AFM (Lean Burn) - Operator Technology	VGF, VHP, ATGL		P-1221

The training programs on CD-ROM or video cassette are currently stocked at the Product Training Center and are available for immediate shipment.

Product Training Center

Product Training Center
Operator Technology