

# Cummins Southern Plains, LLC Consumer & Commercial Power Generation Training Program July - December 2010



## Company Information

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Cummins Southern Plains, LLC (CSPL) is one of the largest distributors of Cummins engines in the world. We are also an authorized distributor for ZF Industries. CSPL serves a diverse customer base throughout Texas and Oklahoma. Our power generation division is one of the leading Cummins Power Generation equipment and Onan generator suppliers in the industry.

Our business operations include wholesale parts distribution, retail parts sales, engine and power generation equipment sales, and maintenance and repair of diesel and alternative fueled engines, power generation equipment, transmissions and other related products.

CSPL is a factory authorized technical product training center for Cummins and Cummins Power Generation. Corporate Training Programs are available for authorized dealers and customers.

Our primary focus is to prepare our network on the Cummins, Cummins Power Generation and Cummins Onan product lines. Training now includes hands-on training which is product specific. All product training will consist of a computer based prerequisite either through use of the Virtual College Libraries or Power Gen University site. The technician will attend a classroom type course and conclude his/her training with an exam to measure application skills and comprehension.

CSPL's training staff is dedicated to provide excellence, quality and consistence in our training approach to help you excel in the technical aspects of your job. A vast amount of information pertaining to training may be found on the CSPL website at [www.cummins-sp.com](http://www.cummins-sp.com).

## Our Mission

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Provide technicians with the skills necessary to create customer confidence through dependable performance. Design, develop and deliver exceptional training using state of the art technology, equipment and education practices.

## Our Vision

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Proactively plan, develop, and provide superior training and technician development programs using blended training methods, state of the art classroom, web-based, demonstrations, and hands-on training.

## Safety

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CSPL is committed to providing every employee, dealer and customer with a safe workplace and training environment. As a CSPL employee, dealer or customer, you have a duty to comply with all safety rules and regulations. Our policy can be found at [www.cummins-sp.com](http://www.cummins-sp.com).

While visiting our facilities, please be especially aware of hazards that may result in injury. Also, be extra cautious around opportunities for spills and exposure to hazardous materials. In case of an emergency, your host will advise you of proper actions.

## Course Registration and Cancellation

### Registration

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Class registrations are on a first-come, first-serve basis. A Course Enrollment form must be submitted to register. The form can be accessed at <http://www.cummins-sp.com/training/enrollment.htm>.

There are two ways to register: e-mail or fax.

1. Email: [Kristi.D.Howard@cummins.com](mailto:Kristi.D.Howard@cummins.com) and/or [cspl@cummins-sp.com](mailto:cspl@cummins-sp.com).
2. Fax: Print and complete the registration form and fax to (817) 640-6914.

Invoicing will be done at the time of registration and a confirmation letter will then be sent via e-mail or fax.

### Customer Training Classes

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At CSPL we understand that some of our customers require more specialized training to better suit their training needs. We are pleased to offer customized training classes that can be modified to suit your training needs. All such requests for customized training should be forwarded to Kristi Howard. A Customized Training Request form must be completed and emailed to Kristi Howard at [Kristi.D.Howard@cummins.com](mailto:Kristi.D.Howard@cummins.com). The form can be accessed at <http://www.cummins-sp.com/training/>.

Please allow a four to six month lead time for customized private training. For scheduling information, please contact the Training Center (817) 640-6915.

### Cancellations

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Cancellations must be received at least five (5) business days prior to class start date in order to avoid a \$200 cancellation fee. If for any reason the training class is canceled, students may apply the tuition toward future training classes, or request a refund.

### Course Fees/Payment Procedures

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Class fees are shown under the program descriptions. Invoicing will be done at the time of registration. Prior credit approval is necessary for all company purchase orders. Company checks, Visa, MasterCard, American Express and cash are acceptable forms of payment. Checks must be made payable to:

Cummins Southern Plains, LLC  
Attn: Training Center  
600 North Watson Road  
Arlington, TX 76011

Payment of class is required at registration.

### **Class Times**

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Classes are held from 8:00am to 5:00pm each day with one hour for lunch. If you need to meet special flight times on the last day of a scheduled class, please coordinate with the instructor on the first day of class.

### **Lodging, Meals and Transportation**

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Students are responsible for their lodging, meals and transportation. A list of hotels that offer our students a discounted rate may be found on the CSPL website (<http://www.cummins-sp.com/training/hotels.htm>). Each student is responsible for their own transportation to and from the training center, hotels and airports. Some hotels offer free shuttle service to and from the airport including the Training Center.

### **Parking**

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Student parking is provided. Please park in appropriate areas to avoid being towed.

### **Dress Code**

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CSPL personnel are required to wear appropriate work clothes and safety shoes. Dealer personnel & customers are encouraged to dress in jeans or Company uniforms. Shorts, sandals and sleeveless shirts are not considered appropriate attire. Earrings, piercing jewelry and chains are not permitted due to safety issues. Personal protective equipment (for example - steel toe shoes, safety glasses, etc) in accordance with local requirements and the requirements of the Cummins Safety System will be worn by students when working on engines during exercises and hands on qualification.

### **Accessing the Smart Program Guide**

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Every technician has a unique training path and may only need to complete certain Virtual College courses to satisfy specific certification requirements. Access to these requirements may be obtained by utilizing their individual Smart Program Guide. In order to view the Smart Program Guide, the technician must have access to QuickServe Online (QSOL). Once the technician logs in to QSOL, he/she may access the Smart Program Guide by following the steps below:

- Select *Training*
- Select *Service Training*
- Select *Technician*
- Select *Get A Smart Program Guide*
- Select the appropriate market (*Automotive, Non Engine Products, Industrial, Marine or Power Generation*)
- Click on the desired certification
- Click *Print* to print the page

Prerequisites must be complete prior to a class start date or the student will not be able to attend the course.

If the technician does not have a Promotion ID, please e-mail the technicians first and last name along with your Cummins dealer code to Kristi Howard at [Kristi.D.Howard@cummins.com](mailto:Kristi.D.Howard@cummins.com). QSOL access will also be established.

### Accessing PowerGen University

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PowerGen University (PGU) is a web-based Learning Management System (LMS) which gives us the capability to provide Cummins Power Generation technician training globally, 24 hours a day, seven days a week.

To create a PGU account, go to <http://powergenu.outstart.com>. Click on the “Please Register Here” link. You must have a promotion ID number and a dealer number to create an account. If you do not know your promotion ID or dealer number, please contact the PGU Administrator, Kristi Howard, at 817-640-6915.

Once all the required information is completed under the registration link, you will receive an automated email with your user information and the site address. However, your account will not be activated until it has been verified by your local PGU administrator. Once verified, your account will then be activated by your administrator and you will receive an email informing you of your account approval.

To login, enter your assigned username and password in the provided field at <http://powergenu.outstart.com>. There are a series of simulation files on the login page that will assist you in understanding how to navigate within PGU. If you have any problems logging in, please contact Kristi Howard.

## July – December 2010 Training Schedule

Dates	Days	Class ID	Class Name	Fee	Location
<b>July</b>					
N/A					
<b>August</b>					
3 - 6	3	2007-23Q	Commercial Mobile Hydraulic Generator	\$675	Arlington
23 - 27	5	2009-28Q	Hybrid Quiet Diesel (HQD)	\$1,125	Arlington
<b>September</b>					
14 - 17	4	2007-08/16Q	Commercial Mobile RV Gas Skills	\$900	Arlington
<b>October</b>					
11 - 15	5	2007-10/18Q & 2009-26Q	Commercial Mobile and RV Diesel Skills	\$1,125	Arlington
<b>November</b>					
15 - 19	5	2007-12/14Q	Onan Marine Generator Skills	\$1,125	Arlington

## Consumer and Commercial Power Generation

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### **2007-08/16Q Commercial Mobile and RV Gas Skills**

This course includes familiarization of Commercial Mobile/RV Generators, MicroLite, Micro Quite, Marquis, Marquis Gold, Marquis Platinum and Equinox. The course focuses on basic theory, troubleshooting and repair, operation, and periodic maintenance. Class will include a practical assessment for qualification.

**Prerequisites:** Basic working knowledge of AC/DC electrical theory and fundamentals. Basic knowledge of gasoline and LP, (Liquid Petroleum) maintenance, troubleshooting and repair. Completion of the following PowerGen University basic courses:

- CST0584 Basic Electrical
- CST0585 Basic Power Generation
- CST0586 Basic Mechanical (Gas & Diesel)
- CST0587 RV Basic Installation
- CST0685 RV & Commercial Mobile QG (Single Cylinder, Gas & Propane)
- CST0673 RV & Commercial Mobile QG (Two Cylinder, Gas & Propane)
- CST6007 Advance Electrical
- CST6022 Basic Commercial Mobile Installation
- CST6029 InPower Onan
- CST0122 RV Inverter/Charger

**Class Size: 8**

**Days: 4**

**Cost: \$900**

### **2007-10/18Q & 2009-26Q**

#### **(Part 1 of 2) Commercial Mobile and RV Diesel Skills**

This course includes familiarization of Commercial Mobile and RV Generators, Quiet Diesel, 3.2 RV QD and Equinox. The course focuses on basic theory, troubleshooting and repair, operation, and periodic maintenance. Class will include a written and practical assessments for qualification.

**Prerequisites:** Basic working knowledge of AC/DC electrical theory and fundamentals. Basic knowledge of diesel maintenance, troubleshooting and repair. Completion of PowerGen University basic RV courses:

- CST0584 Basic Electrical
- CST0585 Basic Power Generation
- CST0586 Basic Mechanical (Gas & Diesel)
- CST0587 RV Basic Installation
- CST0122 RV Inverter/Charger
- CST0671 RV Quiet Diesel
- CST6007 Advance Electrical
- CST6022 Commercial Basic Installation
- CST6023 Commercial SD (Standard Diesel)
- CST6030 RV 3200 Quiet Diesel
- CST6029 InPower Onan
- CST6111 Commercial Mobile 10kW HDKAW CMSD Familiarization (Course is not required but highly recommended. If course is completed, the technician will also receive credit 2009-42Q 20kW CSMD qualification).

**Class Size: 8**

**Days: 5**

**Cost: \$1,125**

## Cummins Course Descriptions

### **2009-28Q Hybrid Quiet Diesel HQD (Part 2 of 2)**

This course is designed to introduce technicians to the Hybrid Quiet Diesel Power System, HQD 810, 1215 and 1218. The technician will learn about the concepts and system logic of operations of the power unit, inverter and transfer switch. This course also includes operational, repair, periodic maintenance, installation and troubleshooting procedures of the HQD system.

**Prerequisites:** Completion of the RV Diesel Skills course (2007-10Q Part 1 of 2) in addition to the following PGU Courses:

CST6018 RV Hybrid Quiet Diesel

CST6007 Advance Electrical

**Class Size: 8**

**Days: 5**

**Cost: \$1,125**

### **2007-23Q Commercial Mobile Hydraulic Generator**

Course includes but not limited to the familiarization of Hydraulic Generator operations and PTO Pumps, Eaton and Saur Danfoss operations. The course focuses on electrical safety, basic installation, theory of operation, preventive maintenance, troubleshooting techniques and maintenance repair procedures. Class will include a practical and written assessment for qualification.

**Prerequisites:** Basic working knowledge of AC/DC electrical theory and fundamentals. Basic Hydraulic maintenance, troubleshooting and repair. Completion of PowerGen University courses:

CST0584 Basic Electrical

CST0585 Basic Power Generation

CST0586 Basic Mechanical (Gas & Diesel)

CST6007 Advance Electrical

CST6022 Basic Commercial Mobile Installation

CST6024 Commercial HG (Hydraulic Generator)

CST6025 Commercial Protec PTO

**Class Size: 8**

**Days: 3**

**Cost: \$675**

## Cummins Course Descriptions

### **2007-12/14Q            Onan Marine Generator Skills**

Course includes but not limited to the familiarization of Marine Generator operations for Marine Belt Drive Gasoline Units (MGK), Diesel (MDK), Marine Direct Drive Diesel Units (MDD & MDK). The course focuses on electrical safety, basic installation, theory of operation, preventive maintenance, troubleshooting techniques using electrical schematics and wire diagrams and maintenance repair procedures that are unique to marine application. Class will include a practical assessment for qualification.

**Prerequisites:** Basic working knowledge of AC/DC electrical theory and fundamentals. Basic gasoline and diesel maintenance, troubleshooting and repair. The ability to read and interpret Onan electrical schematics and wiring diagrams. Completion of PowerGen University basic and advance courses:

- CST0584 Basic Electrical
- CST0585 Basic Power Generation
- CST0586 Basic Mechanical (Gas & Diesel)
- CST6001 Marine Basic Installation
- CST6007 Advance Electrical
- CST6029 InPower Onan
- CST6020 Marine Product Overview
- CST6002 Marine Belt Drive Gas (MGK)
- CST6003 Marine Belt Drive Diesel (MDK)
- CST6016 Marine Direct Drive Diesel (MDK)
- CST0949 PowerGen Marine Direct Drive Diesel (MDD)

**Class Size: 8**

**Days: 5**

**Cost: \$1,125**

## Cummins Training Facilities

### Arlington

Cummins Southern Plains, LLC  
Training Center  
620 North Watson Road  
Arlington, TX 76011

### Oklahoma City

Francis Tuttle Technology Center  
Diesel Technology Center  
7301 West Reno Ave.  
Oklahoma City, OK 73127

### Houston

Universal Technical Institute  
Diesel Technology Center  
721 Lockhaven Drive  
Houston, TX 77073

### San Antonio

St. Phillips College – Southwest Campus  
Diesel Technology Center  
800 Quintana Road  
San Antonio, TX 78211

## Cummins Locations

### **Amarillo**

5224 Interstate 40 East  
Amarillo, TX 79103  
Phone: 806-373-3793

### **Mesquite**

2615 Big Town Blvd  
Mesquite, TX 75150  
Phone: 214-321-5555

### **Arlington (Corporate Office)**

600 N Watson Rd  
Arlington, TX 76011  
Phone: 817-640-6801

### **Odessa**

1210 South Grandview  
Odessa, TX 79761  
Phone: 432-332-9121

### **Dallas**

3707 Irving Blvd  
Dallas, TX 75247  
Phone: 214-631-6400

### **Austin**

1308 Chisholm Trail Rd. Ste. 112  
Round Rock, TX 78681  
Phone: 512-388-4296

### **Fort Worth**

3250 North Freeway  
Fort Worth, TX 76111  
Phone: 817-624-2107

### **San Antonio**

6226 Pan Am Expressway N.  
San Antonio, TX 78218  
Phone: 210-655-5420

### **Houston**

7045 N Loop 610 East  
Houston, TX 77028  
Phone: 713-679-2220

### **Tulsa**

16525 E Skelly Dr.  
Tulsa, OK 74116  
Phone: 918-234-3240

### **Oklahoma City**

5800 West Reno  
Oklahoma City, OK 73127  
Phone: 405-946-4481

## Hotels Near Training Facilities

### **Arlington, TX** **Cummins Southern Plains** **Training Center**

Holiday Inn  
1311 N. Wet N Wild Way  
Arlington, TX 76011  
(817) 460-2500  
[www.hiarlingtontx.com](http://www.hiarlingtontx.com)  
\$69 per night plus tax

Hyatt Place – Arlington/Grand  
Prairie  
1542 North Highway 360  
Grand Prairie, TX 75050  
(972) 988-6800  
[www.dallasnortharlington.place.hyatt.com](http://www.dallasnortharlington.place.hyatt.com)  
Corp #96366  
\$69 per night plus tax

Hyatt Place – Dallas/Arlington  
2380 E. Road to Six Flags Street  
Arlington, TX 76011  
(817) 649-7676  
[www.hyattselect.com](http://www.hyattselect.com)  
\$70 per night plus tax

SpringHill Suites by Marriott  
1975 East Lamar Blvd  
Arlington, TX 76006  
(817) 860-2737  
[www.marriott.com](http://www.marriott.com)  
\$69 per night plus tax

**Most hotels offer free shuttle services to and from the airport including the training center.**

**Please mention Cummins Southern Plains to obtain the Cummins discount rate.**

### **Houston, TX** **Universal Technical Institute**

Hampton Inn & Suites  
150 Wagon Point Drive  
Houston, TX 77090  
(281) 866-0404  
[www.hamptoninn.com](http://www.hamptoninn.com)  
\$79 per night plus tax

### **Oklahoma City, OK** **Francis Tuttle Technology Center**

SpringHill Suites by Marriott  
510 South MacArthur  
Oklahoma City, OK 73128  
(405) 604-0200  
[www.marriott.com](http://www.marriott.com)  
\$69 per night plus tax

### **San Antonio, TX** **St. Philip's College**

Staybridge Suites Sunset Station  
123 Hoefgen  
San Antonio, TX 78204  
(210) 444-2700  
<http://cumminsrates.com>  
\$99 per night plus tax

Cummins **Onan**



Visit us online at [www.cummins-sp.com/training](http://www.cummins-sp.com/training)