

 Ring Power

Customer Technician Training

Air Conditioning Systems Certification MACS

Course Name	Air Conditioning Systems Certification MACS
Course Number	41877
Duration	24 Hours (3 eight-hour days)
Course Description	<p>This course is designed to prepare the technician with competencies required for the service or repair of air conditioning systems fitted to heavy equipment.</p> <p>NOTE: Technicians receive an A/C certification training manual. The assessment for this class is a timed multiple-choice test that is sent to MACS for scoring. Those who score a 72% or higher receive a certificate indicating they have met technician requirements under Section 609 of the Clean Air Act.</p>
Skills/Topics	<p>Objectives— Learners will be able to:</p> <ul style="list-style-type: none">• Explain heat transfer and air conditioning principles.• Identify the components of and explain the operation of an air conditioning system.• Identify tasks required to service an air conditioning system in heavy equipment machinery.• Service an air conditioning system.• Repair fault codes on an air conditioning system.
Prerequisites	<ul style="list-style-type: none">• Caterpillar 7-Step Diagnostic Process (26917)• Basic Air Conditioning Theory and Service (21471)• HVAC System Electronics (21472)
Necessary Supplies and Equipment	<ul style="list-style-type: none">• Laptop Computer• Appropriate work clothing is required.

Ring Power offers customer training courses for Operators and Technicians of every skill level. Custom classes can be developed, and we offer subscriptions to Caterpillar University.

Contact our Customer Training Department to learn more at CustTraining@RingPower.com, 904-737-7730, or visit <https://www.ringpower.com/services/customer-training/>.