

Personnel Successfully Completing the Agricultural Grounding and Wiring Short Course

offered by the

Department of Biosystems and Agricultural Engineering

Michigan State University

and the

Michigan Agricultural Electric Council

Conditions within agricultural buildings and some livestock locations often require wiring materials and techniques not normally applied to residential, commercial, and industrial buildings. Training and experience are usually necessary for electrical installations in agricultural buildings. Although inspection of wiring may not be required for some agricultural installations, electrical inspectors are available with experience and training related to agricultural grounding and wiring.

This short course concentrated on requirements in *Article 250* and *Article 547* of the *2002 National Electrical Code*¹ and covered specific requirements in the *2002 Michigan Electrical Code*² related to agricultural installations. Specific topics included were:

- central point electrical distribution
- grounding building services
- 3-wire and 4-wire service to buildings
- equipotential plane installation
- equipment grounding
- materials and techniques for wiring livestock buildings



¹A copy of the 2002 edition of the National Electrical Code can be obtained from the National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02269 (800-344-3555), or on line at www.necdirect.org.

²A copy of Part 8 (electrical) of the Construction Code Act, P.A. 230 of 1972 as amended in 2004 is available by contacting the Michigan Department of Labor and Economic Growth, Bureau of Construction Codes and Fire Safety, 2501 Woodlake Circle., Okemos, MI 48864.

The following agricultural electricians have successfully completed the Michigan State University Agricultural Grounding and Wiring short course consisting of 11 hours of training.

Larry Alda	Alda Electric, Inc.	East Tawas, MI	989-362-5187
Philip Bodeis	Sky Electric	Lapeer, MI	810-664-0460
Shannon Bird	Bird Electric, LLC	Dorr, MI	616-299-5073
Bryan Chalou	B's Electric	Bay Port, MI	989-656-3221
Robert Clark	Clark Electric	Hillsdale, MI	517-439-2449
Michael Colosimo	Mike's Electric	Gaylord, MI	989-731-2717
Travis Cooper	Cooper Electric	Vassar, MI	989-823-3080
Richard Crittenden	Crittenden Electric	Caro, MI	989-550-0934
Kirk Daman	Daman Electric	Charlevoix, MI	231-547-2801
Les Davis	Maurer Electric	Bad Axe, MI	989-269-8171
Bruce DeKam	Great Lakes Dairy Supply	Falmouth, MI	231-826-4143
Jeffrey Fosburg	Fosburg Electric	Mason, MI	517-256-0110
Greg Greiner		Pentwater, MI	231-869-4170
Kevin Greiner	Silver Lake Electric	Mears, MI	231-873-5781
Butch Heath	P & B Electric	Custer, MI	231-590-6458
Michael Hengesbach		Portland, MI	517-886-3721
Mike Kirn	Kirn Electric	Cass City, MI	989-872-3821
Gary Kittridge	Newkirk Electric	Whitehall, MI	231-894-9586
Robert Pike	CETC	Plainwell, MI	269-664-4200
Joshua Schaeffer	Electrocal, Inc	Dorr, MI	616-896-9749
Roger Sterk	Buist Electric	Grand Rapids, MI	616-583-5212
Jeffrey Stratton	J.E. Stratton Electric	Ludington, MI	231-845-9239
Larry Trierweiler	Westphalia Electric	Portland, MI	989-587-3983
Joseph Trierweiler	Diversified PowerTech	Portland, MI	517-204-1323
Charles Van Sickle	P & B Electric	Custer, MI	231-590-6458

Other personnel completing the Agricultural Grounding and Wiring short course:

Kelly Arends	Consumers Energy	Jackson, MI
John Bradley	Livingston County	Howell, MI
John Burkhard		Holland, MI
Tom Childs	Thumb Electric Coop	Ubly, MI
Bill Compeau	Presque Isle Electric Coop	Onaway, MI
Rick Ewald	Thumb Electric Coop	Ubly, MI
Bill Hendricks	Consumers Energy	Clare, MI
Jonathan Hill	City of Eaton Rapids	Eaton Rapids, MI
Duane Johansen	Consumers Energy	Jackson, MI
Bob La Bin	Great Lakes Energy	Middleville, MI
Bruce Lallathin	Consumers Energy	Jackson, MI
Dennis Seidl	Consumers Energy	Jackson, MI
Roy Smith	Ford Motor Company	Howell, MI
Joseph Terlecki	Livingston County	Howell, MI
David Wheeler	Ford Motor Company	Fenton, MI
Mark Wikman	Consumers Energy	Jackson, MI

Michigan State University and the Michigan Agricultural Electric Council certify that these individuals completed the 11 hours of training, hands-on wiring, and testing. Michigan State University and the Michigan Agricultural Electric Council accept no responsibility for electrical installations by these persons or their employer. Inspection of electrical installations is recommended even though it may not be required.