

Texas Agricultural Mechanics Committee
Summer 2010 Meeting Minutes
July 26, 2010

Superintendent Doug Kingman (SHSU), called the meeting to order at 1:00 pm. Those present (+/- 23) were J.T. McClellan, J.P. Hancock, Mike Teague, Eddie Nichols, Mark Vitters, Jay Trees, Michael Tondre, Mark Foreman, John Templeton, Rusty Hollingsworth, Mike Jackson, Freddie Engelbrecht, Jeff Kelley, Monty Main, Brent Lee, Rick Elmore, Dr. Billy Harrell, Michael Kissire, Gerald Kelley, Don Harris, Rusty Mertink, David Howell, Josh Stegall, Jay Newton, Dr. Joe Muller (SHSU), and Kirk Edney (IMS) were present. The minutes of the July 2009 meeting were reviewed. Dr. Muller moved that the minutes be approved as presented; the motion passed.

PROJECT SHOWS

Dr. Shell will be here Thursday to discuss the SALE JAM. Trailer width checks will probably be conducted at Gemblar Rd. Exhibitors are responsible for adhering to DOT requirements. Participants should know ASABE standards for 3-point hitches and PTOs. This information should be placed in the documentation binder. Participants should also know how to convert Kw to Hp, and convert SI standards to inches. These are TAKS mathematics skills.

No major changes to HLSR rules are anticipated. Project naming is important, since entries are tied to the show database. The 2011 HLSR show will be the last weekend of the show, March 18 - 20. Observe Rule #13 – transportation permits must be annual permits, not temporary permits. There will be no sweepstakes awards. The career fair will be available for all seniors participating in the project show. HLSR will add a Wildlife Management Equipment class to the Livestock Equipment division.

The San Angelo show continues to approve. The Awards committee is interested in doing what it takes to improve the positioning and popularity / appeal / draw of the show. Exhibits arrive on Wednesday, and a meal is provided. A class has been added for horse-drawn restored equipment. Tractor classes are prior to 1960, and 1961 – 1990.

The Kerrville Regional Show added an Ag Mechanics project show.

The Blinn Ag Mech project show and TAMU Kingsville Ag Mech project show are generally held the first Monday in May.

TRACTOR TECH CDE

Karl Collins and Sam Jones of the HLSR Ag Mech committee were present, and addressed issues about this CDE. The 2011 CDE will be 3/14/2011, the second Monday of the show. Parameters for electronic “bugs” in Part III were discussed. The tractor brand for 2010 - 2011 is Case IH, since the 2009 tractor was a New Holland.

The tractor rotation is:

2	Kubota (2007)
3	AGCO (2008)
4	New Holland (2009)
5	Case IH (2010 - 2011)
1	John Deere (2011 – 2012)

Thirty minutes will be allowed for Part III – Troubleshooting. The interviews will continue to be part of the Tractor Tech CDE activities. One discussion item was Would it be possible for HLSR to provide 10 sets of specialty tools to be used in Part III? This would eliminate participants having to transport these bulky tools from their schools to the CDE site, and across the Arena floor during the finals. HLSR does provide specialty tools needed in Part III, and the contestants must ask the judges for the appropriate tool. Tractors will continue to be in the 55 – 60 hp range. These tractor manufacturers recommend use of a 5000 psi pressure gauge; anything less than that rating will not effectively diagnose problems.

Regulations for Tier IV Fuel Efficiency standards will go into effect in 2014.

AG MECH CDE

Dr. Doug Kingman will serve as Superintendent of the 2011 CDE. Several teacher comments were brought to the meeting. Be sure to check the IMS web site for pertinent information, and watch for e-mails. Be sure your e-mail address is accurate, and that our e-mails are not rejected as spam. The motion passed. The 2011 Agricultural Mechanics CDE will be held in conjunction with the other CDEs hosted by SHSU in Huntsville the Friday before the TAMU CDEs. SHSU hosts a practice CDE in March; teachers develop the content for this annual event.

CDE Rules will eventually need to be revised to match the new TEKS – possibly by 2012.

Kirk Edney (IMS) develops the written examination. He will bring a ream of paper for students to use with math problems, and will reserve 120 calculators from TI. Faculty members from the various service providers are asked to provide 30 – 50 questions for the Exam. Calculators will be available for both the written examination and the team activity portions of the CDE. Additional calculators can be reserved for use with the individual skills activities if necessary.

The 2011 CDE theme is Animal Production. The Machinery & Equipment skill area will focus on animal handling, and will likely use corrals and pneumatic / hydraulic squeeze chutes as the equipment items. Structures will focus on Metal, and Energy will focus on Electric Controls & Circuits. The Team Activity will emphasize Grain storage, and this component will focus on grain storage & handling safety for about 20% of the activity. The annual Ag Mechanics CDE Update will be Thursday afternoon.

2012 CDE:

The 2012 CDE system is Materials Handling. It was moved that the theme focus on Grain Handling. The motion was seconded and passed. The Structures portion of the CDE will deal with Concrete: equipment and grain storage foundations. The motion received a second and a passing vote. It was moved that Machinery & Equipment skills be directed at a grain conveyance equipment. The motion received a second, and passed. It was moved that the Energy skills focus on electric motors. The motion was seconded and passed.

With the impending revisions in the TEKS, the committee needs to develop better methods for involving craft schools, venues and suppliers such as Lincoln, Tulsa Welding, WyoTech, TSTC, UTI, Stihl, Briggs & Stratton, and Kubota.

PD CONFERENCE & OTHER DEVELOPMENT OPPORTUNITIES

In June 2011, there will be a trailer workshop somewhere. A gooseneck float will be constructed. The 2010 workshop at Ennis was a great success. It might be wise to create some sort of trailer workshop rotation, based on sites or products.

Changes in the structure of the PD Conference will impact our usual run of business. We will have our Swap Shop on Monday as usual. The annual Ag Mechanics CDE Update to be held on Thursday. Our annual Committee Meeting will also be on Monday. It appears that our "Ag Mech Focus Day" will be Thursday, not Wednesday, which is fine. We will contact VATAT regarding open opportunities for presentations again in future PD Conferences.

Agricultural Mechanics CDE Individual Student Skill Area Rotation - Revised July 2010

Year	2011	2012	2013	2014	2015
System	Animal Production	Materials Handling	Processing	Plant Production	IPM
Theme	Animal handling	Grain storage			
Skill Area	Machinery & Equipment: Corrals & Squeeze chutes	Machinery & Equipment: augers, conveyors & carts	Machinery & Equipment	Machinery & Equipment	
Skill Area	Structures: Metal	Structures: concrete foundations			
Skill Area	Energy: Fluid power: Pneumatics & hydraulics	Energy; electric motors			

Upcoming Activities for 2010 – 2011 school year

Date	Activity	Location
October	State Fair Ag Mech & Tractor Rest. Project Show	Dallas
10/06/2010	Austin County Fair Trac Tech CDE	Bellville
October	South Plains College Welding Contest	Levelland
November	Tractor Technician CDE Committee Meeting	TBA
12/11/2010	TX State University Trac Tech CDE	San Marcos
1/08/2011	Sealy FFA Invitational Trac Tech CDE	Sealy
January	Tractor Technician CDE – Areas 4, 5, 7, 8, 10	Waco
TBA	Tractor Technician CDE – Areas 1 & 2	Canyon
TBA	Regional Ag Mechanics Project Show	Kerrville
February	Tractor Technician CDE – Areas 3, 6, 9	Huntsville
February	SALE JAM Project Show	San Antonio
February	Ag Mechanics Project Show	San Angelo
March 14, 2011	State Tractor Technician CDE	Houston
March 18 – 20, 2010	Ag Mechanics Project Show	Houston
March	Practice Ag Mechanics CDE	Nacogdoches
March	Practice Ag Mechanics CDE	Huntsville
March	Practice Ag Mech CDE	Nacogdoches
April	Practice Ag Mechanics CDE	Lubbock
April	Area 4 & 8 Ag Mechanics CDE	Stephenville
April	Area 1 & 2 Ag Mechanics CDE	Lubbock
April	Area 3, 7 & 9 Ag Mechanics CDE	Huntsville
April	Area 5 & 6 Ag Mechanics CDE	Commerce
April	Area 10 Ag Mechanics CDE	Kingsville
April 22, 2011	State Ag Mechanics CDE	Huntsville
May 2011	TAMU Kingsville Ag Mechanics Project Show	Kingsville
May 2011	Blinn College Ag Mechanics Project Show	Brenham
June	Trailer workshop – gooseneck float	Ennis
June 2011?	Brazos Tractor Show (+/- \$1,000.00 in prizes)	Wallis?
July 25, 2011	Ag Mechanics Swap Shop	Arlington
July 25	Ag Mechanics Committee Meeting	Arlington
July 28, 2011	Ag Mechanics Workshops	Arlington

There being no further business, the meeting was adjourned at 3:00 pm