

University of Nebraska
Department of Biological Systems Engineering
Nebraska Tractor Test Laboratory

POWER CLAIMS IN NON-SAE HORSEPOWER UNITS

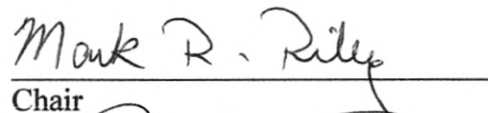
Rationale:

Advertisements of tractor power in manufacturers' literature for North America are being made in horsepower units that are not standard SAE (U.S.) hp. With this practice, the potential exists for confusion regarding the power level claimed in advertising or the operator's manual. Given this situation, the Nebraska Tractor Test Laboratory and Nebraska Board of Tractor Test Engineers initiated the following practice:

Tractor model horsepower claims are considered to be in SAE horsepower units, unless clearly identified otherwise. Power claims in other horsepower units will be converted to SAE horsepower if sufficient information is provided in the claim to enable that conversion, and conversion factors are available based on an existing governmental regulation or consensus-based standard. If a power claim from other horsepower units is converted to SAE hp, a statement giving those details will be included in the Remarks section of the Nebraska Tractor Test Report. That SAE power claim will be compared to the SAE power produced by the tractor during the official test of the tractor in order to verify the tractor power claim.

November 20, 2012

Board of Tractor Test Engineers


Chair


Member


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