

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

REQUIRED THREE-POINT LIFT TESTS

Rationale: OECD Code 2 tests require three-point lifting force tests as a part of the tractor performance tests. Under the OECD Code Scheme, the preference is for tractors to be tested in the country of manufacture. The global nature of the tractor marketplace has resulted in tractors that have been manufactured in countries other than the U.S. being brought into the U.S. (including Nebraska). Versions of tractor models for the U.S. market may have different three-point hitch packages and/or configurations resulting in different performance compared to the versions of the same tractor models intended for market in the (non-U.S.) country of manufacture. The combination of these facts has resulted in Nebraska Summary reports for some tractor models including lifting force performance results for packages and/or configurations that are not available in the U.S., and lacking lifting force performance results for packages and/or configurations that are available in the U.S. The consequence of this is that the Board of Tractor Test Engineers cannot verify the three-point lift claims of the U.S. versions of these tractor models, and U.S. customers have no test results describing the performance of the three-point hitch packages and/or configurations available to them on these tractor models.

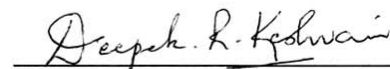
Therefore, in order to ensure that performance of the most common of the three-point hitch packages and/or configurations available to Nebraska customers on these tractor models is verified by the Board, and results made available to customers, the following are required:

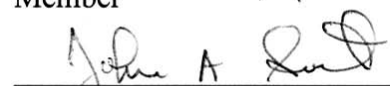
1. Official test results for each tractor model to be permitted for sale in Nebraska must include three-point lifting force test results for the hydraulic system and three-point hitch packages and/or configurations expected to be most common on the version of the tractor model to be sold in Nebraska.
2. The three-point lifting force test results for this three-point hitch package and/or configuration may come from the official OECD Code 2 report, or may come from an OECD lifting force test for this three-point hitch package and/or configuration performed or witnessed by the Nebraska Tractor Test Lab.

April 12, 2011

Board of Tractor Test Engineers


Chair


Member


Member