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39.03.08 - RULES GOVERNING PREQUALIFICATION OF VARIABLE LOAD SUSPENSION AXLES AND OTHER AUXILIARY AXLES

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**39.03.08 - RULES GOVERNING PREQUALIFICATION OF VARIABLE LOAD
SUSPENSION AXLES AND OTHER AUXILIARY AXLES**

000. LEGAL AUTHORITY.

This rule is adopted under authority of Section 49-1001, Idaho Code. (8-25-94)

001. TITLE AND SCOPE.

This rule is necessary to implement certain requirements of Section 49-1001, Idaho Code, with respect to prequalification of variable load suspension axles, and other types of auxiliary axles. (8-25-94)

002. -- 009. (RESERVED).

010. DEFINITIONS.

Refer to 39.03.01 for definitions of the terms used in this rule. (8-25-94)

011. -- 099. (RESERVED).

**100. PREQUALIFICATION OF VARIABLE LOAD SUSPENSION (VLS) AXLES AND OTHER
NONLIFTABLE AUXILIARY AXLES.**

Prequalification of VLS and other types of auxiliary axles provides a method for determining weight distribution to such axles and to the fixed axles in the same group of axles without performing separate weighing of individual axles in the group of axles. (8-25-94)

01. Prequalification of Air Suspension VLS and Other Auxiliary Axles. Prequalification will be performed at a department Port of Entry (POE) which is equipped with certified scales. Prequalification is not a requirement, but is available to a commercial vehicle owner who desires to prequalify to expedite weight compliance at department POE's. If an owner elects to prequalify, a separate prequalification shall be required for each VLS or auxiliary axle on the vehicle(s). Prequalification information will be recorded on department forms and will be signed by department personnel having authority as defined in Section 40-510, Idaho Code and by the vehicle owner or designee. Copies of the prequalification form will be kept on file at appropriate department POE's and in the prequalified vehicle. Prequalification forms shall be valid until such time as the vehicle suspension is modified. To be eligible for prequalification the vehicle and axles must meet all applicable requirements of Idaho Code. (8-25-94)

02. General Prequalification Information. Prequalification documentation shall include: (8-25-94)

a. Company name, vehicle(s) identification number(s), and unit number(s), license number, and base state. (8-25-94)

b. Appropriate vehicle dimensions including the dimensions between the centers of all axles of the axle groups which contain VLS axles and, if requested by the owner, the distance between all axles on the vehicle or combination of vehicles. (8-25-94)

c. Location of the VLS axle(s) and the air pressure/weight correlation data for each VLS axle. (8-25-94)

03. Prequalification of Weight Distribution. Documentation of weight borne by the VLS or other auxiliary axle will be performed either by verification of pressure on air suspension systems or by verification of appropriate weight distribution on other types of suspension systems. (8-25-94)

a. Air suspension systems. The vehicle must be equipped with a pressure gauge with scale division in two (2) pound per square inch or smaller increments that is easily visible to enforcement personnel and with a standard automotive valve stem on the same system to allow pressure to be checked with a department pressure gauge by department personnel. The gauge reading will be recorded along with the corresponding weight carried by the air suspended axle. The vehicle owner may request more than one prequalification pressure setting and corresponding weight up to a maximum of three settings per VLS axle. (8-25-94)

b. Mechanically suspended auxiliary axles. The prequalification of these types of non adjustable auxiliary axles will be accomplished by loading the vehicle(s) to a minimum of seventy-five (75%) percent of maximum allowable load. The weight borne by the auxiliary axle will be determined on certified department POE scales in comparison to weights on the other axles in the group of axles. If such weighing shows that proportional weight distribution is occurring and that no axle(s) in the group would exceed the limits specified in Section 49-1001, Idaho Code, with legal maximum weights on that group of axles, the axle group will be prequalified. (8-25-94)

101.-- 999. (RESERVED).