

## TEST SPECIFICATIONS (1/2) FMVSS No. 105

Vehicle Make/Model/Year: \_\_\_\_\_

**NOTE:** For manufacturer-submitted procedures and recommendations below, provide sufficient detail for laboratory personnel to conduct test, including step-by-step instructions, schematics, wiring diagrams, photos etc.

1. Recommended **BRAKE ADJUSTMENT** performed after burnish, per S7.4.1.2 and S7.4.2.2:

\_\_\_\_\_

Burnish procedure after 125,250 and 375 snubs, per S7.4.2.1: \_\_\_\_\_

2. Procedure for rendering **ABS INOPERATIVE**, per S7.9.4:

\_\_\_\_\_

Identify ABS manufacturer: \_\_\_\_\_

3. Procedure for rendering **VARIABLE BRAKE PROPORTIONING SYSTEM INOPERATIVE**, per S7.9.4, and indicate if failure can be induced *independently* of ABS system:

\_\_\_\_\_

4. For vehicles in which the **BRAKE SIGNAL TRANSMITTED ELECTRONICALLY** between the brake pedal and some of the foundation brakes, procedure to induce failure, per S7.9.5:

\_\_\_\_\_

5. For Electric Vehicles (EV) equipped with **REGENERATIVE BRAKING SYSTEM (RBS)** that is part of the service brake system, per S7.9.6 and S7.10.3(b), procedure for rendering inoperative, and indicate if failure can be induced *independently* of ABS system:

\_\_\_\_\_

6. Procedure for disconnecting and making inoperative the **BRAKE POWER UNIT OR BRAKE POWER ASSIST** units, per S7.10.

\_\_\_\_\_

7. For parking brake systems independent of service brake friction elements, recommended **PARKING BRAKE PRE-BURNISH** procedure, per S7.7.4:

\_\_\_\_\_

**BRAKE MASTER CYLINDER:**

Piston diameter:

Primary \_\_\_\_\_ Secondary \_\_\_\_\_

Reservoir:

Capacity \_\_\_\_\_

Fluid displaced new to worn linings \_\_\_\_\_

Subsystem 1 capacity \_\_\_\_\_

Subsystem 2 capacity \_\_\_\_\_

**DISC BRAKES** (lining installed dimensions – nominal production values):

Caliper piston bore diameter: \_\_\_\_\_

Disc-Clearance to lining:

Inboard \_\_\_\_\_

Outboard \_\_\_\_\_

*Fully* worn pad thickness \_\_\_\_\_

**DRUM BRAKES** (lining installed dimensions – nominal production values):

Wheel cylinder bore diameter \_\_\_\_\_

Drum – Clearance to lining:

Forward pad \_\_\_\_\_

Rearward pad \_\_\_\_\_

*Fully* worn pad thickness \_\_\_\_\_

**BRAKE SYSTEM WARNING INDICATOR S5.3.1 (a) and (b)**

Activation:

Fluid Level \_\_\_\_\_ Differential Pressure \_\_\_\_\_