

NATEF TASK SHEET --- SECTION A.4 E.7 (P-1)

**TIRE 4: TIRE BALANCE**

Student: \_\_\_\_\_ Date: \_\_\_\_\_ Period \_\_\_\_\_

Tire Brand: \_\_\_\_\_ Tire Size: \_\_\_\_\_ Rim Size: \_\_\_\_\_

Tire Manufacturing Date: \_\_\_\_\_

**OBJECTIVE:** Student will dynamically balance a tire and wheel assembly.

- MATERIALS:**
1. *EYE PROTECTION!*
  2. Wheel weights and Weight Pliers
  3. Computerized Tire Balancer
  4. Tire and Wheel Assembly

**PROCEDURE:** **WATCH POWER POINT Tire 4. (for computerized balancer)**  
***WEAR EYE PROTECTION!*** Place spring on balancer shaft. Select proper cone to fit center of rim and place on shaft small end out. Place tire and wheel assembly on tire machine and secure with screw clamp. Adjust mode setting on machine to **DYNAMIC**. Set three settings on machine.(**A,D,W**) Press START and spin assembly. Add weight to correct position according to machine. Press start and recheck. Readings should be zeros. Note amounts of weight used.

**RECORD MODE SETTINGS:**     A            D            W      
*(What do A, D, and W stand for? Where do you find them?)*

**AMOUNT OF WEIGHT USED IN OUNCES:**     INSIDE            OUTSIDE      
*(Round to the nearest .25 oz.)*

**PROBLEMS ENCOUNTERED:** \_\_\_\_\_

**INSTRUCTOR SIGN OFF:** \_\_\_\_\_

**INSTRUCTOR'S EVALUATION**

<b>Demonstrates Mastery</b>
<b>Performed Satisfactorily</b>
<b>Capable, Needs Practice</b>
<b>Assisted in Performing</b>
<b>Exposure/Observation</b>
<b>Has trouble following directions</b>

**Tire4-2010 / 10-20-10 / vdb**