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Braking Performance — Roller/Compactors

**SAE Recommended Practice
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BRAKING PERFORMANCE - ROLLER/COMPACTORS

1. SCOPE: Minimum performance criteria for service braking systems, secondary stopping systems, and parking systems for all self-propelled vibratory and static roller/compactors are provided in this SAE Recommended Practice.
2. PURPOSE:
 - 2.1 To define minimum braking system performance for in-service machines.
 - 2.2 To provide test criteria by which machine braking system performance may be verified.
3. BRAKING SYSTEMS:
 - 3.1 Service Braking System: The primary system used for stopping and holding the machine.
 - 3.2 Secondary Stopping System: The system used for stopping the machine in the event of any single failure in the service braking system.
 - 3.3 Parking System: The system used to hold a stopped machine stationary.

NOTE: The above systems may use common components. A common component is defined as a component that performs a function in two or more braking systems. In general, a failure of a common component should not reduce the effectiveness of the machine's stopping capability below the secondary stopping performance as defined in 4.2.1. Exceptions to this requirement are the following common components: input braking systems on final drive, tires, wheels, and compactor drums.

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