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# IN-CAB AIR BRAKE WORK SHEET

Fill in the numbers and parameters for the component tests in your state or province.

TEST	TEST PARAMETER	SAMPLE	YOUR TEST	
<b>GOVERNOR TEST</b>				
<ul style="list-style-type: none"> <li>Minimum pressure</li> </ul>	What is the absolute minimum pressure that the governor must return the compressor to the load phases (cut in)?	In most jurisdictions, the minimum pressure is 80psi (552kPa); however, in others, it must be 20psi (138ka) below maximum. For example, if maximum pressure is 125psi(862kPa), the governor must return the compressor to the load phase by 105psi(724kPa).		
<ul style="list-style-type: none"> <li>Maximum pressure</li> </ul>	What is the absolute maximum pressure the governor must put the compressor into the unload phase?	Most jurisdictions are 135psi(931kPa). Some have allowed as much as 145psi(1,000kPa).		
<b>LOW-AIR WARNING TEST</b>	What is the minimum pressure by which the low air warning must activate?	For most it's above 60psi(414kPa). Others allow 55psi(379kPa).		
<b>TRACTOR SUPPLY VALVE TEST</b>	What is the minimum pressure that the Tractor Protection Valve must shut off air to the trailer?	For most it's between 20 & 45psi(138kPa-310kPa), and is one and the same as the emergency brakes test. For some, it's above 50psi(345kPa).		
<b>EMERGENCY BRAKES APPLY TEST</b>	What is the minimum pressure the emergency brakes must apply?	For almost all places, it's between 20 & 45psi(138kPa-310kPa).		
<b>COMPRESSOR TEST</b>	What is the pressure range, the time, and engine rpms to test the compressor?	Most times it's 50-90psi(345-621kPa), within 3 minutes, at 900-1200rpm. Others are 85-100psi(586-696kPa), within 2 minutes at 600-900rpm.	Pressures	
			Time	
			rpms	
<b>LEAK TEST</b>	How much pressure can you lose during a leak test, and how long must you hold the service brakes with a maximum brake application?	Most are held for one minute, and the system cannot loose more than 3, 4, 6psi(21, 28, 41kPa) for a single unit, truck and trailer, and truck and more than one trailer respectively.	Unit:	Select Yours
			Single	<input type="checkbox"/>
			Truck & Trailer	<input type="checkbox"/>
			Truck & multiple	<input type="checkbox"/>
			Time	
			Pressure Loss	

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