
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	
GOVERNOR TEST				
<ul style="list-style-type: none"> Minimum pressure 	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"> Maximum pressure 	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).		
LOW-AIR WARNING TEST	What is the minimum pressure by which the low air warning must activate?	For most it's above 60psi(414kPa). Others allow 55psi(379kPa).		
TRACTOR SUPPLY VALVE TEST	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).		
EMERGENCY BRAKES APPLY TEST	What is the minimum pressure the emergency brakes must apply?	For almost all places, it's between 20 & 45psi(138kPa-310kPa).		
COMPRESSOR TEST	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	
LEAK TEST	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	
