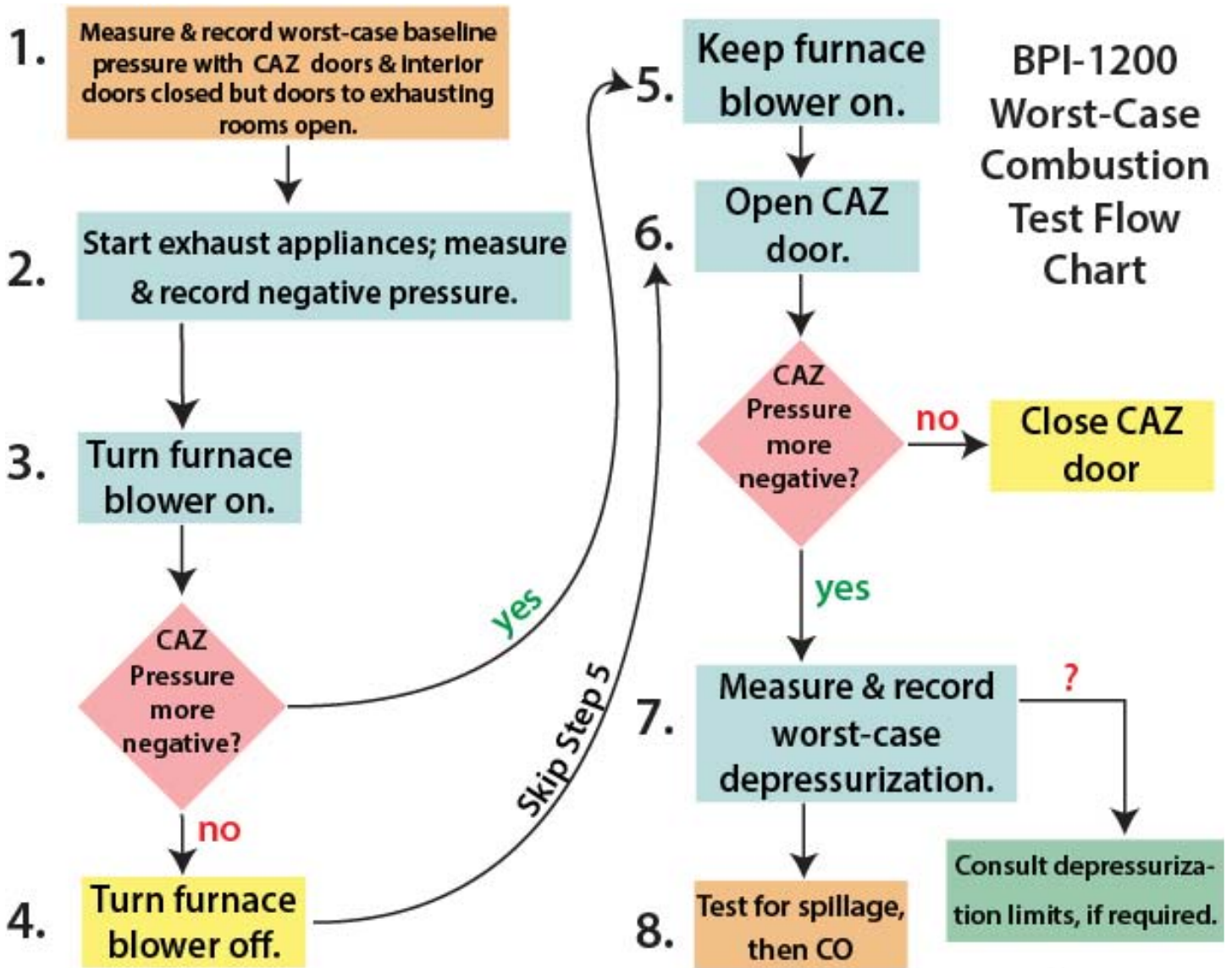
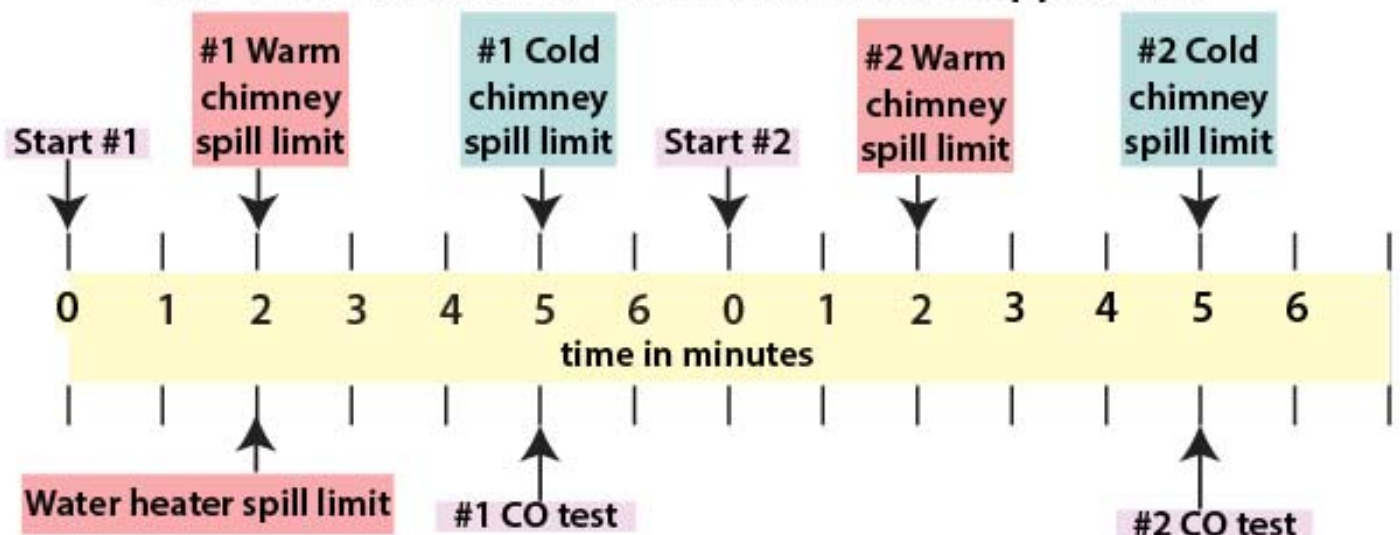


BPI-1200 COMBUSTION TESTING PROCEDURE

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BPI-1200 Combustion Test Timeline for 2 Appliances



This table presents the causes & solutions to depressurization during 4 different test conditions required during BPI-1200 Combustion Safety Tests

CAZ Door Open		CAZ Door Closed	
Furnace Blower Off	<p style="text-align: center;"><u>Negative CAZ Pressure</u></p> <p>Causes</p> <ul style="list-style-type: none"> • Stack effect • Exhaust appliances <p>Solutions</p> <ul style="list-style-type: none"> • Eliminate or reduce CFM of exhaust • Isolate combustion appliances • Replace combustion appliances • Provide make-up air 	Furnace Blower Off	<p style="text-align: center;"><u>Negative CAZ Pressure</u></p> <p>Causes</p> <ul style="list-style-type: none"> • Stack effect • Exhaust appliances in the CAZ or affecting the CAZ <p>Repairs</p> <ul style="list-style-type: none"> • Eliminate or reduce CFM of exhaust • Isolate the CAZ from indoor exhaust • Install sealed combustion furnaces, & power vented or electric water heaters • Isolate CAZ from exhaust outside the conditioned space • Provide make-up air
Furnace Blower On	<p style="text-align: center;"><u>Negative CAZ Pressure</u></p> <p>Causes</p> <ul style="list-style-type: none"> • Stack effect • Supply duct leakage to outdoors • Interior door closure <p>Solutions</p> <ul style="list-style-type: none"> • Seal supply ducts • Pressure relieve interior rooms <p style="text-align: center;"><u>Positive CAZ Pressure</u></p> <p>Causes</p> <ul style="list-style-type: none"> • Return duct leakage to outdoors • Interior door closure <p>Repairs</p> <ul style="list-style-type: none"> • Seal return ducts • Pressure relieve interior rooms 	Furnace Blower On	<p style="text-align: center;"><u>Negative CAZ Pressure</u></p> <p>Causes</p> <ul style="list-style-type: none"> • Stack effect • Return duct leakage in the CAZ <p>Repairs</p> <ul style="list-style-type: none"> • Seal return ducts in the CAZ <p style="text-align: center;"><u>Positive CAZ Pressure</u></p> <p>Causes</p> <ul style="list-style-type: none"> • Supply duct leakage in the CAZ <p>Repairs</p> <ul style="list-style-type: none"> • Seal supply ducts in the CAZ

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