MAXIMUM DEPRESSURIZATION DATA SHEET

IF YOU ARE GOING TO TEST-TEST CORRECTLY!

				OU ARE GOING TO	1231-1231 0	ORREGIEII		
JC	DB#				c	CLIENT		
PRE-TEST	ТЕСН					LIS	ST APPLIANCES	
PRE-	DATE				APPLIANC	E 1		
	<u> </u>				APPLIANC			
ST	TECH			APPLIANC	E 3			
POST-TEST	DATE				APPLIANC	E 4		
			STEP A	A - PREPARE TH	E HOUSE F	FOR TESTI	NG	
				FF the HVAC system. (3)				(5) CLOSE house to
jarage	man door (vill be closed for all to	est). (6) CLOSE all fi	ireplace dampers (7) Reco		acement during te		
					PLACE	APPLIANCE 1	PRE-TEST	POST-TEST
FIID	NACE FILT	FD			_ 	APPLIANCE 2		
	ACEMEN	Lultar In	Filter Out	Not Applicable		APPLIANCE 3		
		<u> </u>			FILTER	APPLIANCE 4		
man fron	STEP ometer possible baseling	e, HRV is acting gh for test belo	n high (if applio to right. If pres as exhaust ap		BASELINE	APPLIANCE 1 APPLIANCE 2 APPLIANCE 3 APPLIANCE 4	PRE-TEST	POST-TEST
		Shut on i	or test below.			HRV		
vork b	ack toward t	ne combustion applia	Set interior doors (ho nnce. Smoke each o	door and determine if the s) for most negative	e CAZ. Start with	ombustion appliance.	combustion appliance and
	•	ing AWAY from the OWING TO the com					PRE-TEST	POST-TEST
			• • • • • • • • • • • • • • • • • • • •		1	APPLIANCE 1		
		same manner, all the CAZ pressure and	-		TEST	APPLIANCE 2		
аррпа	ice. (3) Nea	OAZ pressure and	record in box to rigi	it.		APPLIANCE 3 APPLIANCE 4		
		,					CONDITION ***	
			*** If there is NO furn	ace in the home. Skip test 2	2 &3 and DOCUME	NI WUKSI CASE (
		TEST		nace in the home, Skip test 2			PLIANCES ON	
1) Tur	n on all exha	TEST ust appliances.		DLER (FURNACI				POST-TEST
•	n on all exha	ust appliances.			E) AND EXI	HAUST API	PLIANCES ON PRE-TEST	POST-TEST
2) Tur	n ON air har	ust appliances.	2-AIR HAN		E) AND EXI			POST-TEST
2) Tur 3) Use	n ON air har smoke to d	ust appliances. dler.	2–AIR HAN r positions.		E) AND EXI	APPLIANCE 1		POST-TEST

TEST 3 - AIR HANDLER (FURNACE) ON

(1) Turn all exhaust appliances OFF. (2) Turn the air handler on. (3) With interior doors open, read CAZ Pressure and record in box 3a below. (Dominant Duct Leakage Test). (4) Use smoke to determine Interior door positions. (5) Read CAZ Pressure and record in box 3b below.

	PRE-TEST	POST-TEST
APPLIANCE 1		
APPLIANCE 2		
APPLIANCE 3		
APPLIANCE 4		

TEST 3B		PRE-TEST	POST-TEST
	APPLIANCE 1		
	APPLIANCE 2		
	APPLIANCE 3		
	APPLIANCE 4		

WORST CASE CONDITION

Record in box at right the worst case condition. Worst case is the MOST negative test adjusted for baseline pressure. For example, the baseline pressureis -1 pa and test1 reads -4 pa, test 2 -7 pa, and test 3 -3pa. Worst case is the difference between baseline and test 2, which is -6 pa (-1 to -7).

		12111011		
ш	PRE-TEST		POST-TEST	APPLICABLE LIMIT
CAS	APPLIANCE 1			
ST.	APPLIANCE 2			
_	APPLIANCE 3			
>	APPLIANCE 4			

HOUSE DEPRESSURIZATION LIMITS

Compare worst case pressure with depressurization limits noted below. Circle Depressurization limit that applies to the appliance being tested.

NATURAL DRAFT WATER HEATER OR FIREPLACE	NATURAL DRAFT BOILER OR FURNACE	POWER OR INDUCED DRAFT BOILER OR FURNACE	WOODSTOVE OR FIREPLACE INSERT	SEALED APPLIANCE, DIRECT VENT APPLIANCE OR TOYO STOVE / MONITOR	HIGH STATIC PRESSURE FLAME RETENTION HEAD OIL BURNER
-3 PASCAL	-5 PASCAL	-10 PASCAL	-10 PASCAL	-20 PASCAL	-20 PASCAL

*****SKIP TEST 4 & 5 IF SEALED COMBUSTION*****

TEST 4-SPILLAGE

(1)Set house in worst case condition, assure interior doors are set correctly. (2) Turn combustion appliance on and smoke test the barometric damper or draft hood. (3) If chimney drafts within 1 minute, the combustion appliance passes the spillage test and record in table 4a, if draft is not established in one minute the combustion appliance fails the spillage test and record in table 4a. (4) IF APPLIANCE FAILS, turn heater off and all exhaust fans off. Wait 5 minutes and restart heater (all exhaust fans off). Smoke test the barometric damper or draft hood. If chimney drafts within 1 minute, record pass in table 4b, if draft is not established in one minute record fail in table 4b.

4A

ONLY COMPLETE IF WORST CASE SPILLAGE FAILS

PILLAGE TEST I WORST CASE		PRE-TEST	POST-TEST
	APPLIANCE 1		
	APPLIANCE 2		
	APPLIANCE 3		
S S	APPLIANCE 4		

2		PRE-TEST	POST-TEST
	APPLIANCE 1		
S	APPLIANCE 2		
	APPLIANCE 3		
2	APPLIANCE 4		

TEST 5- CHIMNEY DRAFT TEST

SPILLAGE TEST NO EXHAUST FANS

(1)Set house up in worst case condition, assure interior doors are set correctly. (2) Place input tap into chimney minimum of 6" above (downstream) the barometric damper and reference tap open to CAZ (3) After 1 minute of the heater running, record chimney draft in box below.

		5A		
		PRE-TEST	POST-TEST	MIN ACCT. DRAFT
WORST CASE	APPLIANCE 1			
	APPLIANCE 2			
	APPLIANCE 3			
,	APPLIANCE 4			

	5B	ONLY COMPLETE IF FAIL IN WORST CASE					
o N		PRE-TEST	POST-TEST	MIN ACCT. DRAFT			
S A	APPLIANCE 1						
DRAFT TE EXHAUST F/	APPLIANCE 2						
	APPLIANCE 3						
E	APPLIANCE 4						

MINIMUM ACCEPTABLE DRAFT

Compare chimney draft with minimum acceptable draft chart noted below. Circle minimum acceptable draft that applies to the temperature outside during the test. If outside temperature is between 10 and 90, then compute acceptable draft and document in table above.

OUTSIDE TEMPERATURE	Below 10°	10° to 90°Computed Draft (if applicable)	Above 90°
MINIMUM ACCEPTABLE DRAFT	-2.5 pa or .01" wc	(Outside temp/40)-2.75	5 pa or .002" wc