

# Mechanical Testing Form - Standalone

<b>SITE VISIT DATE/INITIAL:</b>	<b>CLIENT NAME:</b>
<b>FINAL INSPECTION DATE/INITIAL:</b>	<b>CLIENT ID:</b>

**COMMENTS:**

HEATING PLANT		
FLUE GAS ANALYSIS		
	SITE VISIT	FINAL INSPECTION
DATE:		
INLET TEMP:		
FLUE GAS TEMP:		
NET STACK TEMP:		
% OXYGEN:		
% CO2:		
SMOKE #:		
SSE:		
CARBON MONOXIDE		
CO IN FLUE (PPM):		
CO FREE AIR (PPM):		
HEAT RISE TEST		
RETURN:		
SUPPLY:		
HEAT RISE:		
RATED HEAT RISE:		
SHUT OFF SWITCH		
CHECK APPLICABLE:	<input type="checkbox"/> <b>OK</b> <input type="checkbox"/> <b>MISSING</b> <input type="checkbox"/> <b>OR BROKEN</b>	<input type="checkbox"/> <b>OK</b> <input type="checkbox"/> <b>MISSING</b> <input type="checkbox"/> <b>OR BROKEN</b>

DHW		
FLUE GAS ANALYSIS		
	SITE VISIT	FINAL INSPECTION
INLET TEMP:		
FLUE GAS TEMP:		
NET STACK TEMP:		
% OXYGEN:		
% CO2:		
SMOKE #:		
SSE:		
CARBON MONOXIDE		
CO IN FLUE (PPM):		
CO FREE AIR (PPM):		
GAS LEAKS PRESENT (ALL LEAKS MUST BE REPAIRED)		
CHECK BOX:	<input type="checkbox"/> <b>YES</b> <input type="checkbox"/> <b>NO</b>	<input type="checkbox"/> <b>YES</b> <input type="checkbox"/> <b>NO</b>
AMBIENT CO TESTING		
LIVING AREA:		
KITCHEN:		
MECHANICAL RM:		
(OTHER):		
(OTHER):		
CO ALARM	HOT WATER TEMP	
<input type="checkbox"/> <b>OK</b> <input type="checkbox"/> <b>INSTALL NEW</b>	SITE VISIT:	
	INSPECTION:	

SECONDARY HEATING PLANT		
FLUE GAS ANALYSIS		
	SITE VISIT	FINAL INSPECTION
INLET TEMP:		
FLUE GAS TEMP:		
NET STACK TEMP:		
% OXYGEN:		
% CO2:		
SMOKE #:		
SSE:		
CARBON MONOXIDE		
CO IN FLUE (PPM):		
CO FREE AIR (PPM):		

(2 <sup>ND</sup> HEATING PLANT CONT.) HEAT RISE TEST		
RETURN:		
SUPPLY:		
HEAT RISE:		
RATED HEAT RISE:		
SHUT OFF SWITCH		
CHECK APPLICABLE:	<input type="checkbox"/> OK <input type="checkbox"/> MISSING OR BROKEN	<input type="checkbox"/> OK <input type="checkbox"/> MISSING OR BROKEN
<u>COMMENTS:</u>		

WORST CASE DEPRESSURIZATION/SPILLAGE TESTING						
	SITE VISIT			INSPECTION		
	PRESSURE	CAZ LIMIT	SPILLAGE (SECONDS)	PRESSURE	CAZ LIMIT	SPILLAGE (SECONDS)
HEATING 1:						
HEATING 2:						
DWH 1:						
DWH 2:						

SWS MAXIMUM CAZ DEPRESSURIZATION CHART	
ATMOSPHERIC WATER HEATER ONLY (CATEGORY I, NATURAL DRAFT), OPEN-COMBUSTION APPLIANCES	-2
ATMOSPHERIC WATER HEATER AND ATMOSPHERIC FURNACE (CATEGORY I, NATURAL DRAFT), COMMON-VENTED, OPEN-COMBUSTION APPLIANCES	-3
GAS FURNACE OR BOILER, CATEGORY I OR CATEGORY I FAN-ASSISTED, OPEN-COMBUSTION APPLIANCES; OIL OR GAS UNIT WITH POWER BURNER, LOW- OR HIGH-STATIC PRESSURE BURNER, OPEN COMBUSTION APPLIANCES	-5
CLOSED, CONTROLLED WOOD-BURNING APPLIANCES	-7
INDUCED-DRAFT APPLIANCES (FAN AT POINT OF EXIT AT WALL), CATEGORY I WITH INDUCED DRAFT, OPEN-COMBUSTION APPLIANCES; PELLET STOVE WITH DRAFT FAN AND SEALED VENT; GAS APPLIANCES, CATEGORY III VENTED THROUGH THE WALL, FORCED DRAFT, OPEN-COMBUSTION APPLIANCES	-15
DIRECT-VENT, SEALED COMBUSTION APPLIANCES WITH FORCED DRAFT	-25