Ventilation Checklist 1—Forced Air Systems Sentence 9.32 Ventilation Sentence 9.32.3.4(6)

Use this Checklist where forced air heating system ducts intake and distribute ventilation air.

Civic Addres	SS						Permit No	•	
Climate Zone: Number of Bedroo Total Floor area of conditioned spa			3	window (mi			is a room with an openable inimum dimensions apply), a		
			:	ft²		closet and a	and a closing interior door.		
Total Interior Volume of Dwelling			;	ft³		Total volume includes all heated interior spaces			
.5 ACH (air changes/hr) = Volume x $0.5 \div 60$					(C)	Exhaust appliances exceeding .5 ACH may require make-up air.			
Use the bedi determine	room count f	System Exhaust Fan Morom Box (A) and Total sq	uare foo	tage from	m Box			9.32.3.5. to (D)	
2. Principal S								X=-7	
a) Exhaust Fan continuous running Make				Model				Sone Rating	
Location:			:	Capacit at 0.2 E	SP _	cfm (E) Must be ≥ than Box (D) ty @0.4ESP			
a) Length ofb) Fan Duct4. Required 1	ductft Ma size:	x(E) above and Table 9.32 + Exterior hood 30ft + nu eximum Equivalent Length inches Ø Duct type: d Bathroom Exhaust For spot Exhaust requirem	mber of h allowed Rigid 'ans: Re	90° elbo d in Tabl Flex	ows le 9.32	_X 10 ft = .3.8(3) = _	=Eq	uivalent Length	
	REQUIRED EXHAUST RATE Table 9.32.3.6	EXHAUST EQUIPMENT							
ROOM		Spot Exhaust Kitchen & Bath WALL/CEILING F				FANS	Ex.Fan/CEV		
		Fan Make & Model	CFM @ 0.2 ESP Manf Rated	*Duct Di rigid			9.32.3.8.(3) Installed Equiv	Principal System CFM	
installation ins	structions or t	ling 175cfm in Table 9.32 use good engineering prace Appendix page 16-A				cturer's	TOTAL (must = Box E)		

5. Fresh Air must be ducted from outside to Retur	n Air of furnace for distribution.								
a) Duct length from this connection to furnace cabi									
unless a flow control device is used. Duct len									
b) Duct Size for Fresh Air intake to RA:	B								
4" Ø minimum for Rigid Duct. Must be insulated & vapour barriered for full length confirmed. 5"Ø minimum for insulated, vapour barriered Flex Duct confirmed.									
									6. Forced Air Furnace system ducted to supply air to every bedroom and any level without a bedroom confirmed.
7. If Heated Crawlspace present, state method of v	ventilating								
	S								
MAKE-UP AIR Requirements									
1. NAFFVA (Naturally Aspirated Fuel Fired Vented Appliance) Or rac	7								
Yes, Proceed to Step 2	No, Omit Steps 2 & 3								
2 Eubaust Amelianas mussant subish susanda Bau (COSACII.								
2. Exhaust Appliance present which exceeds Box (
Yes, Proceed to Step 3 Yes, Commit to No such appliance. Omit Step 3									
	Test (See CAUTION, TECA Vent Manual pg 24)								
3. Use Active Make-up Air for Exhaust Appliance.									
Make-up Air Fan required:	Exhaust Appliance Actual Installed Cfm								
	Make-up Air Fan Cfm								
Duct diameterinches									
Fan Location Fan	ducted to								
 a) Active Make-up Air delivered to an Unoccupied A i) Tempering Required per 9.32.4.1.(4)(a): Show calculation & describe how make-up air will be ten 	npered to at least 34°F (1°C) before entering unoccupied area.								
ii) Transfer Grill Required: Size 1 sq in of gross area po	or 2 cfm):								
Transfer grill size sq. in.									
	before transfer to occupied area: Show calculation and								
OR b) Active Make-up Air delivered to an Occupied how make-up air will be tempered to at least 54°F (12°	Area: Tempering Required. Show calculation and describe °C).								
Installer Certification:	Date								
I hereby certify that the design and installation of the ventilation									
Section 9.32 Amendment.	2014 TECA Ventilation Certification Stamp								
Print Name									
Signature									
Company									
Company									
Phone									
ontification design =									
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