COMcheck Software Version 4.1.5.1

Mechanical Compliance Certificate

Project Information

Energy Code:	90.1 (2007) Standard
Project Title:	936 St Roch Ave Interior Renovation
Location:	New Orleans, Louisiana
Climate Zone:	2a
Project Type:	Alteration

Construction Site:
936 St Roch
New Orleans, LA 70117

Owner/Agent:

Designer/Contractor:
Andrea Manceaux
Ritter Consulting Engineers Ltd
2014 W Pinhook Rd Suite 200
Lafayette, LA 70508
337-984-8498
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Mechanical Systems List

Quantity	System Type & Description
1	4 Ton Split System Heat Pump Heating Mode: Capacity = 43 kBtu/h, Proposed Efficiency = 7.80 HSPF, Required Efficiency = 7.70 HSPF Cooling Mode: Capacity = 46 kBtu/h, Proposed Efficiency = 14.00 SEER, Required Efficiency: 13.00 SEER Fan System: FAN SYSTEM 1 -- Compliance (Motor nameplate HP method) : Passes Fans: FAN 1 Supply, Constant Volume, 2000 CFM, 0.5 motor nameplate hp SYSTEM VERIFICATION REQUIRED.
3	0.75 Ton Split System Heat Pump Heating Mode: Capacity = 12 kBtu/h, Proposed Efficiency = 12.50 HSPF, Required Efficiency = 7.70 HSPF Cooling Mode: Capacity = 9 kBtu/h, Proposed Efficiency = 15.30 SEER, Required Efficiency: 13.00 SEER Fan System: FAN SYSTEM 1 -- Compliance (Motor nameplate HP method) : Passes Fans: FAN 1 Supply, Constant Volume, 2000 CFM, 0.5 motor nameplate hp SYSTEM VERIFICATION REQUIRED.
1	2.5 Ton Split System Heat Pump Heating Mode: Capacity = 22 kBtu/h, Proposed Efficiency = 7.80 HSPF, Required Efficiency = 7.70 HSPF Cooling Mode: Capacity = 23 kBtu/h, Proposed Efficiency = 14.00 SEER, Required Efficiency: 13.00 SEER Fan System: FAN SYSTEM 1 -- Compliance (Motor nameplate HP method) : Passes Fans: FAN 1 Supply, Constant Volume, 2000 CFM, 0.5 motor nameplate hp

Quantity	System Type & Description
	SYSTEM VERIFICATION REQUIRED.
3	Water Heater 1 Electric Storage Water Heater, Capacity: 30 gallons Proposed Efficiency: 0.89 EF, Required Efficiency: 0.89 EF
	SWH COMPLIANCE REQUIRED.

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 90.1 (2007) Standard requirements in COM*check* Version 4.1.5.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

ANDREW MACKELLAR, P.E. — Name - Title

Signature

8/26/22 — Date