



Inspection: Mechanical #5

0/9 Items Inspected		0 Conforming		0 Deficient		0 N/A		0 Neutral	
Type	Commissioning			Status	Open				
Trade	Air Conditioning			Location	9 Point Street				
Spec Section				Created By	Angelica Borja				
Linked Drawings									
Description	Ensure all materials and equipment to be used in the mechanical works, such as HVAC units, piping, and ductwork, meet the specified standards and are in good condition.								
Attachments	ITP_HVAC.pdf								

Inspection Details

Inspection Date	Due Date
Point of Contact	Responsible Contractor
Assignee(s)	Angelica Borja

Install HVAC systems	0 Neutral	0 Conforming	0 Deficient	0 N/A
1.1 Verify that all components (compressor, condenser, evaporator) are installed according to the plan Details: Australian standard for Mechanical	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> N/A	
1.2 Check that refrigerant lines are properly connected and insulated. Details: Australian standard for Mechanical	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> N/A	
1.3 Ensure the system operates correctly through a complete cycle. Details: Australian standard for Mechanical	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> N/A	

Inspect ductwork	0 Neutral	0 Conforming	0 Deficient	0 N/A
2.1 Check for proper sealing and insulation of ducts. Details: Australian standard for Mechanical	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> N/A	

2.2 Ensure that ducts are properly supported and free from obstructions. Details: Australian standard for Mechanical	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> N/A
2.3 Verify airflow and no significant leaks in the ductwork. Details: Australian standard for Mechanical	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> N/A

Test and balance air flow	0 Neutral	0 Conforming	0 Deficient	0 N/A
3.1 Measure and adjust air flow to meet design specifications. Details: Australian standard for Mechanical	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> N/A	
3.2 Ensure even distribution of air in all areas Details: Australian standard for Mechanical	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> N/A	
3.3 Verify that all dampers and controls operate correctly. Details: Australian standard for Mechanical	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> N/A	