**XVI.** **During Construction**

m. **Testing and balancing**

**What is it?**

It is the process of performing air and hydronic flow / pressure measurements on

the building HVAC system. Flow is adjusted to achieve optimum performance of

the building environmental equipment.

**Why is it required?**

Testing and balancing is performed to achieve proper operation of the HVAC

system in a building.

**Who is involved and what are their roles?**

Testing balancing vendor – Perform required tests, adjustments and balance

building HVAC system and submit results.

General Contractor – Schedule and facilitate testing – balancing with WSU PM

and testing vendor.

Architect/ Engineer – Verify proper operation and capacity of existing HVAC

System, design new or revisions to the existing HVAC system to support

renovation of the space, and review test reports for compliance with design and

specifications.

WSU Project Manager – Bring vendor on board before construction

commencement, manage / coordinate all testing – balancing activity from start to

acceptance.

*Note: Testing and balancing vendor are in some cases directly hired by the*

*General Contractors.*

**Critical Timeline**

A testing and balancing vendor must be brought on board before construction

Commencement. It is important to measure air and water flow / pressure of

existing HVAC system.

**How is it done?**

N/A

**Forms**

**Filing**

File pre and post construction test reports electronically in a folder.

**Reference**

Other primary contracts / methods of contracting