National TAB

Project Summary

AC's (Roof Top Units) w/ Diffusers
Each of the RTU's were measured at their terminal devices or via traverse to establish a total flow for that unit. Each RTU was adjusted to within tolerance of the engineer's design flow. Each outlet was then adjusted to within tolerance of the design flow. Outside air was measured by reading the intake air opening with a velocity grid and multiplying by the free area. The outside air damper was adjusted until the airflow was within the design requirements. Any equipment that fell outside of that tolerance is noted throughout the report.

HPFC's
The three HPFC's share common ductwork. The units were balanced by having them all run simultaneously and running at the same fan speed. The total airflow for the diffusers serving these units is equal to the total airflow for all three units. The diffusers were then balanced to design. OA was measured via a traverse of the ductwork.

Prop Fans (PF's)
The prop fan airflow was measured by reading the velocity at the mesh intake air grille with a velgrid. The velocity times the area was equal to the airflow of the fans.

Ceiling Exhaust Fans
The ceiling exhaust fans were measured using a flow hood. If speed adjustment was provided, the fan speed was adjusted to within design tolerance. Any equipment that fell outside of this tolerance is noted throughout the report.