

National TAB was called to Yard House La Cantera San Antonio TX to address concerns of humidity/condensation, in the space. Initial findings were of positive building pressure (+0.022" W.C.). Initially employees reported negative building pressure and large drafts of outside air into the space when exterior doors were opened, but this had improved since the building received new RTU-4.

Supply and exhaust CFM values were measured for each hood. Supply from the MUA was found to be right at design. Hood exhaust values ranged from 72%-120% of design air flow, however no changes were made to hood exhaust air flow as the hoods were reported to be performing well. Attention was mostly given to RTUs.

RTUs 1-3 were read for supply air flow via the economizer, or the return air opening as was the case for RTU-3. This was due to duct/diffusers being located high above the floor. RTU-1 was very low on supply air flow initially due to a loose drive belt. RTU-4 in the kitchen was read via a flow hood and found initially to be at 78% of design air flow. All RTUs were adjusted to bring supply air flow to within tolerance, and outside air was set.

After all changes were made, the final building pressure was recorded at +0.018" W.C. All areas feel comfortable, and no condensation is noted.