



AIR QUALITY MONITORING SYSTEM

Taylor Hennessy, Nicole Larson, Kurt Hibert, Dr. David Delene, Dr. Frank Bowman

Objective: Set up an air quality monitoring system. Determine if the inside or outside air quality is better once the system is set up.

Research Project: In order to set up this system, we had to cut and connect ($\frac{1}{4}$ and $\frac{1}{2}$) stainless steel, and ($\frac{1}{4}$) plastic tubes to all the instruments. We had to connect the instruments to laptops to receive the data by using RS-232 and network cables. We collected data from the inside and outside air and analyzed the results. According to the results, the inside air quality is better than the outside air quality.

