



PLASTIC DUST CASE STUDY *SMART ONE* SOLUTION

Heyco, a well respected NJ business operating for over 80 years, specializes in manufacturing molded wire protection products. Their commitment to being an efficient, environmentally friendly, and employing strict quality control standards, created a process for recycling plastic components. The plastic recycling process created a fine nuisance dust in the manufacturing area that needed to have *Clean Air*.

Clean Air Company installed a PlymoVent "Smart One". This is a single cartridge self cleaning collector capable of filtering up to 800 CFM. The unit was installed with an anti static filter and has a hopper and dust fall out drum to collect the dust.



Fine dust generated by the recycling process is captured through a PlymoVent KUA extraction arm and transported to the collector. A customized bracket was created to mount the extraction arm directly to the collector to minimize pressure loss, space requirements and enhance mobility of the collector if needed in the future. Both the extraction arm and the collector are grounded to eliminate static electricity.

Heyco, a valued customer, also utilizes other products to eliminate oil mist generated in manufacturing other electrical components.

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