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Can You Burn Trash to Make Clean Energy?

The purpose of this experiment is to see if a machine can be built that will burn trash and create clean exhaust. The hypothesis states that a machine can be built that will burn rubber and paper towels and filter out the exhaust through a water system. First, a machine is built that has a fire chamber, a water chamber, a fan to keep the fire burning, an air compressor to direct the smoke into the water, a battery, and a generator. The fire was started in the fire chamber with 250 grams of rubber and paper towels, and the exhaust was pulled out by the air compressor and put directly into the water and through a pipe to meet the water. A water pump pumped thirty point twenty-eight liters of water through pipes to meet the exhaust. The fire burned for forty-five minutes and thirty grams of waste was left in the fire chamber and twenty grams was in the water chamber. The water was heated to thirty point six degrees Celcius and the exhaust that came out of the chimney was steam and had no bad smell or color. The conclusion states that a machine can be built to create clean energy. The hypothesis was accepted.