

Tighter/more cost-effective control of nickel oxide emissions

Pennaire Filtration of Cheshire, UK, recently installed a technically advanced dust control system at a leading producer of nickel pellets. The new fully automated, multi-chamber reverse jet bag filter replaced two existing electrostatic precipitators which were less energy efficient and barely able to cope with regulatory limits on particulate emissions. The filter installation contains six compartments comprising 288 tubular filter bags mounted on support cages. Tetratex #8042 aramid stainless steel felt from Donaldson Membranes of Newton Le Willows, UK, was the choice of filter media. Individual particulate monitoring systems were fitted to each filter chamber so that, in the event of a sudden increase in emissions, the source can be quickly identified. www.pennairefiltration.com; www.donaldson.com



New baghouse installed by Pennaire Filtration