



Application:

Gold Smelting

Collector Model:

SPJ-64-X4T8

Air Volume:

5,000 CFM

Air-to-Cloth Ratio:

8.3 to 1

Contact Scientific Dust Collectors for more information. Ask for Application Number 80008.

Application Notes:

Johnson Matthey Limited of Brampton Ontario determined that from the smelting of gold bullion, 0.2% to 0.5% of all the refined gold was being exhausted from the refining furnace into the outdoors.

Because of such a high possible loss, it was recommended to install a high temperature Scientific Dust Collector System at the Richmond Mines Nugget Pond Facility.

The unit has run virtually maintenance free for one full year. After the first year of operation, three bags were removed and melted, and two ounces of gold per bag was recovered. Therefore, the baghouse contains 128 ounces of gold total. The unit has more than paid for itself in its first year of operation.