

Interoffice Memo

Date: 8/8/2011

To: Ray Gordon, SPA I

From: Frank Delgado, Pollution Control Inspector II

RE: San Judas Tadeo Foundry located at 9851 NW 115th Way, Medley, FL 33178

On July 28, 2011 at 10:00 a.m., Maisha Reed and I conducted an inspection of the referenced facility as per your request. The reason for the inspection was to ascertain if the facility needed an Air Pollution Permit. On site we met Alfonso Vega, the facility's owner. Mr. Vega told us that he makes ornamental aluminum work; he gets aluminum scrap metal and melts it in a diesel-fueled furnace at approximately 1100 degrees Fahrenheit, from the furnace the melted aluminum is set in black sand molds. Mr. Vega melts approximately 300 pounds of aluminum per day. The aluminum metal he melts is clean; most of it is leftover trimmings from aluminum windows/fences manufacturing.

The foundry is located inside an aluminum framed building; the furnace is located closed to a wall exhaust fan. In the rear of the facility there is a 500 gallon above ground diesel fuel tank. The facility has been in operations at this location since 1989.

I did not observe any visible emissions from the furnace; also I did not detect any objectionable odors inside or outside the facility.



SAN JUDAS TADEO FOUNDRY- 9851 NW 115TH WAY



DIESEL-FUELED FURNACE



EXHAUST FAN



DIESEL FUEL TANK



BLACK SAND MOLDS