

Assignment

Namibia Custom Smelters (NCS), owned by Dundee Precious Metals, has embarked on an extensive rehabilitation project.

The overall project consists of various work packages and modules. The appointed EPCM contractors were SNV Lavilin who was responsible for the design and procurement activities for this assignment. As part of a particular work package, Kraatz was awarded the fabrication assignment of 3 off converter hoods.

Total assembled weight of each converted hood is in the region of 10 tons which makes it certainly a “heavy” task.

Adherence to international welding standard AWS (American Welding Society) was a pre-requisite executed

Getting the job done

Kraatz successfully delivered on this project by attending to the task with a professional planning approach.

QCP’s (Quality Control Plan) were approved by the client. Kraatz’s coded welders attended to the job after proving that their certification was valid. The complex cone shape proved to be challenging, however with the necessary technical guidance the skilled workforce never looked back.



Figure 1 - After corrosion protection

After welding the quality requirements were proved to be met by means of X-ray and MPI (Magnetic Particle Inspection)

Surface Treatment (on the outside only) was part of the scope.



Figure 2 - Ready to hit the road

Key Learnings

Kraatz is able to work towards and meet international standards such as AWS. No fabrication job is too big or too complex for Kraatz.