

## Assignment

Kraatz was contracted by SNC Lavalin’s office in Toronto, Canada to fabricate 3 sets of temporary dam stop logs with walks ways. SNC Lavalin is one of the leading international engineering and construction groups in the world.

The temporary dam stop logs are destined for the rehabilitation of the Matala dam, 300 km north of the Namibian border in Angola. This is part of a much bigger project to the value of US\$ 228m. The Matala dam is located 300km north of the Namibian and Angolan border and situated in the Cunene river.

The assignment consist out of 6 light stop logs, 9 medium stop logs, 15 heavy weight stop logs and 3 large box channel 18 meter long bridge walk way sections. The total mass of the fabricated components will be 80 tons.

## Getting the job done

A team of highly skilled Kraatz employees under strong supervision consisting out of boiler makers and welders were up for the assignment. Tight time schedules were set and accuracy is of high importance. The total duration of the project is about 3 months and will be performed within our workshops in Walvis Bay.

As part of the process, we have also included apprentices as part of the team to allow them the opportunity to gain valuable hands on experience.



Figure 1 - Welder using semi-automatic welding equipment

## Key Learnings

We have the capability and capacity in country to deliver successfully on projects beyond the borders of Namibia. Kraatz has been involved in a number of international assignments.



Figure 2 - Bridge walk way



Figure 3- Various stop logs



Figure 4 - Internals of bridge walkway during fabrication