

## Assignment

Kraatz was contracted by Rosh Pinah Zinc to refurbish an Osborne jaw crusher. Traditionally the client sent these type of engineering assignments to South Africa. This requires the piece of equipment be exported temporarily, refurbished and then later imported again which has a negative cash flow impact on the client. Kraatz approached the Namibian Osborne sales agent who provided full back-up support.

## Getting the job done

As soon as the jaw crusher arrived at Kraatz’s workshop it was stripped for inspection and a detailed report was prepared for the client. Subsequently the scope was defined and Kraatz started machining the worn shaft. Welding repairs followed before final machining was done.



**Figure 1 - Machining of Shaft**

Attention to the correct weld procedure was critical and therefor preheat and interpass temperatures were closely monitored as well as the cooling process and consumable selection. New Bearings were fitted and the structural integrity was improved by crack repairs.



**Figure 2 - Equal Soak preheating on Rotator**

## Key Learnings

Kraatz has the capability to successfully complete assignments which are normally executed in South Africa or abroad saving the client administrative efforts and costs whilst at the same time creating value job opportunities and expertise in Namibia. .



**Figure 3 - Ready for shipment and installation**