



Gujarat Alkalies and Chemicals Limited

(Promoted by Govt. of Gujarat)

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GACL/DHJ/CCP/PERF_REPORT/11-2011/01

Date: November 2, 2011

To,
M/s. Aditya International Co.,
401, "Parth", Opp. Navrang Complex,
Swastika Cross Road, C. G. Road,
Ahemdabad - 380 009

Kind Attn.: Mr. Ashish Shrivastava

Sub: Performance Report of MAGNA 303 Gold welding electrode.

Dear Sir,

We have purchased Magna 303 Gold welding electrodes from M/s. Aditya. We have used same for our Gas Turbine Atomising air cooler leakage arresting. Performance of welding electrodes is as under.

Area of Application: Shell of Gas Turbine Atomising air cooler.

Equipment Details:

Shell and tube type atomizing air cooler for cooling hot air which come from Gas Turbine compressor discharge and cooled by DM water.


Problem:

During shutdown of Gas Turbine-1, we had observed that some cracks found on cooler shall, we tried 3-4 different types of welding electrodes (MS & SS) but due to absence of information about MOC of cooler, desire result could not be achieved. Finally we have arrested leakage by MAGNA 303 electrodes.

Observation:

After applying MAGNA 303 Gold, we have tested cooler with 10-12 Kg/cm² Pressure against cooler working pressure is 7-8 Kg/cm². We have found satisfactory result and cooler is now running normal.

We are satisfied with the performance of MAGNA 303 Gold and recommend this product for similar types of application.


R. M. Letwala
Dy. General Manager (CCP)
For Gujarat Alkalies and Chemicals Ltd., Dahej

