

Retrofit of industrial watertube boilers



GRC LONOXFLAM® dual fuel burners
GRC LONOXFLAM® G2 gas burners
Flame scanners and combustion instruments
Fail safe burner management systems

→ Advanced combustion techniques for environmental care



**SAUDI ARAMCO, Juaymah Gas Plant (Saudi Arabia):
4 x 260 t/h boilers**

Application:

2 x 115 MW new GRC gas fired burners per boiler replacing existing MHI burners

Advantages:

- Obtaining a uniform flame pattern
- Fully automated burners
- Reduction of excess air / fuel consumption
- Restoring & possibly improving the boilers' ramping rates



ADMA OPCO, Das Island (UAE): 2 x 34 t/h boilers

Application:

2 x 27 MW new GRC G2 Low NOx gas fired burners per boiler, replacing existing Foyers & Turbine burners

Advantages:

- Best available gas fired Low NOx burner technology without use of external flue gases recirculation
- Nat gas firing, NOx < 40 ppmv @ 3% O₂ dry basis
- High flame stability

