

# Upgrade **RM-IDD** with **Safe-Fire SA-3000** Flame Detection System

Chi Bi Power Station, China

2 x 330MW Tangentially Coal-fired Boilers

Boilers supply by Shanghai Boiler Works

24 coal burners and 12 oil burners on each boiler



## Before

- OEM flame detectors were regularly damaged due to its low tolerance to high heat areas
- RFI/EMI interferences frequently caused Flame amplifiers to go into alarm

## After

- Safe-fire' SA-3000 detection system was installed.
- Temperature tolerance of Flame detector is 100°C
- Flame amplifiers have significant protection against from RFI/EMI
- Flexible parameters setting to suit various coal conditions

## Results

- Decreased damage rate of flame detectors
- Decreased maintenance workload
- Improved reliability of flame detection system