Supply and Upgrade Flame Scanner

Customer : PT. Pembangkit Jawa Bali
UNIT BISNIS JASA OPERASI DAN PEMELIHARAAN PLTU TANJUNG AWAR - AWAR

Our Objective :

Normalization of FlameScanner instrument on 2nd Boiler Burner Unit so that it can monitor the burner flames in real-time

Challenges we faced:

1. Replacing the old & obsolete Flame Scanner with new model
2. Required specifications are as follows; Nema 4X & IP66 certification, 24VDC or 220VAC power input, Electronics that can withstand temperature range between -40degF (minimum) and 150degF (maximum), Fiber optic that can with stand max temperature of 752degF / 400degC

What we did:

1. Welded Mounting Heads on the side of the coal burner, and mounted it there
2. Installed the outer & inner carrier
3. Installed the fiber optic used for the flamescanner
4. Installed the Zeeco(TM) FlameScanner module as a system upgrade
5. Calibrated the flamescanner onsite using Zeeco(TM)-provided software
6. Commissioned flame scanner system from local panel
7. Commissioned flame scanner system from CCR
8. Ran a Reliability Run (RR) for 5 days straight

HTSI as Authorized Zeeco Flame Scanner Distributor

Safety Summary
Total 2808 working hours
Last time injury - 0
Day lost Incident - 0
Near misses reported - 0

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