



Client: Alba Calciner Plant
Location: Sitra, Bahrain
Reff. No.: BAH/2018/03/02/01

001 - RETROFIT OF LOW VOLTAGE AIR CIRCUIT BREAKERS

Background

Major local industries such as Alba, GPIC, and Bapco still have functional 1960's/70's switchboard operational to this day but their performance cannot be assured and consequently risk of costly unpredictable failure/interruption to the system cannot be ignored. With financial constraints the preferred solution is "Retrofit" only should spares be unavailable.

Case Study

Alba, one of the world's largest aluminium smelters, had two **Merlin Gerlin 6300A** air-circuit breakers installed in Mannesman KTI switchboard located in the Calciner Plant. Cellmec's retrofit solution implemented on March 2018 by successfully replacing the above two ACB's with the state of the art **Terasaki AR663S** air circuit breaker giving the 30 years old switchboard a new lease of optimum operational life. Saving ALBA thousands of Dollars in cost and a great inconvenience all in a matter of 3 days during their annual shutdown period.

"Cellmec's engineering capabilities at its best"

