



# IMERYYS

## Fitch Fuel Catalyst Implementation Quilicura Plant - Chile April 2019

Natural Gas Expansion Oven consumption 175-195 (m<sup>3</sup> GN / hr)  
1 Catalyst Model HO75-3-NG



### Preliminary Benefits:

- Average Gas savings 2%.
- More homogeneous temperature inside the furnace reducing the possibility of "hot spots" formation.
- Increased operating continuity given the reduction of slag accumulation inside the expansion furnace.
- Reduction of waste material at the bottom of the expansion furnace.

**Observation:** Control Link disabled to manually adjust excess air and gas flow parameters in order to maximize combustion efficiency.