

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

**Natural Gas Expansion Oven consumption 175-195 (m3 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.