

Application

Process Sample System
Butanol

Location

Rayong, Thailand

**Maintain
Temperature**

50 - 70°C

Product

O'Brien Medium Traced
TRACEPAK® Bundle

Steam was plentiful in this plant although only at a pressure of 4 Bar. The product had only a 20°C temperature range. Some of the run lengths were up to 90 meters so trapping would be a major consideration and expense.

The solution came from the use of our custom design program to determine the optimum insulation thickness between the process and steam tube as well as the overall amount of insulation needed to maximize run lengths. Because of the mild and relatively stable climate we were able to maintain the product within the 20°C window with 4 Bar steam and provide run lengths of up to 90 meters without intermediate trapping.