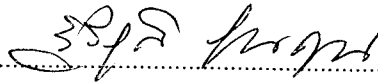


**ABSTRACT**

Title : Loss Reduction in Milk Production by QCC  
By : Mr. NAttwat Srisawat  
Degree : Master of Engineering  
Major Field : Engineering Management  
Thesis Advisor:



(Asst. Prof. Dr. Rathavoot Ruthankoon)

..... 17 / 5 / 16 .....

In milk production industry, cost could be high due to loss in production. This study aims to reduce loss in UHT milk production process using QCC concept.

In this study, the collected production loss data from the milk production process was analyzed. The production was planned and the loss problem in production and packaging processes were solved using QCC.

It was revealed that after using production improvement by QCC approach, the average monthly production loss could be reduced by 0.029 % or 160,553 Baht per month. Moreover, the solution can help factory staffs to understand the process better.