

## ABSTRACT

Milk products play a vital role in eliminating malnutrition all over the world. This study was started to achieve the target of getting proper knowledge on dairy industry in Sri Lanka. This study was carried out at the quality assurance department of Nestle Lanka Limited, Pannala. In this study, history an introduction to Nestle Lanka limited, milk processing & analysis, waste water treatment plant, milk tester calibration and suggestions to improve milk tester accuracy are discussed.

An experiment was conducted to find out the feasibility of milk tester to use inside the labotary as an accurate fat analysis method. Chilling center survey was conducted to find out fat analysis methods in chilling centers and hygiene condition of their equipments and utensils.

After calibration, Accurate reading was given by milk tester up to 3 – 5 days. Fat analysis methods in chilling centers and hygienic condition of their equipment and utensils were satisfactory.