

# Productivity Report

$$\text{OUTPUT} = \frac{(\text{NO OF WORKER} * \text{WORK TIME})}{\text{STD TIME}}$$

$$\text{PRODUCTIVITY} = \frac{(\text{OUTPUT} * \text{STD TIME}) * 100}{(\text{NO OF WORKER} * \text{WORK TIME})}$$

$$\text{EFFICIENCY} = \frac{(\text{OUTPUT} * \text{STD TIME}) * 100}{\text{NO OF WORKER} * \text{WORK TIME} - \text{NON-PRODUCTIVE HOUR}}$$

(NO OF WORKER \* WORK TIME) \* (1-FAILURE RATE) - NON-PRODUCTIVE HOUR

**NOTE:**

**NON-PRODUCTIVE HOUR** = Lost time due to maintenance, Engineering issue, Quality issue and Materials shortages