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## LIST OF NOTATIONS AND ABBREVIATIONS

ACO	: Ant Colony Optimization
CVRP	: Capacitated Vehicle Routing Problem
DC	: Distribution Center
DoE	: Design of Experiments
GA	: Genetic Algorithm
KPI	: Key Performance Indicator
OFR	: Order Fulfillment Rate
SCM	: Supply Chain Management
SNS	: Sinar Niaga Sejahtera
k	: Level of Factor
s	: Number of Sample
N	: Number of Population
$\alpha$	: level of significance
H	: Hypothesis
F	: Fitness
R	: Random Number
P <sub>m</sub>	: Mutation Probability
P <sub>x</sub>	: Crossover Probability
$\beta$	: Trace's effect
$\tau$	: Pheromone
$\rho$	: Evaporation Rate
Z	: Objective Function
I	: Index of predecessor customer ( $i \in J$ )
J	: Index of successor customer ( $j \in J$ )
K	: Index of product ( $k \in K$ )