LIST OF ABBREVIATIONS AND SYMBOLS

Abbreviations

DFA   Design for Assembly

Symbols

E	Assembly efficiency
N_m	The minimum number of components theoretically
t_a	Basic assembly time of each component (average taken 3 seconds)
T_m	Total assembly time of all components
Qd	Clean water requirement
n	Selected sequence number (integer)
N	Amount of data
S	Supply of rainwater obtained (m^2)
A	Rainwater catchment area (m^2)
M	Average rainfall (mm/month/daily)
F	Irrigation coefficient or run-off