

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