

CALCULATIONS.

FIGURE VII:1-1.
HORIZONTAL
MEASUREMENT.



Horizontal location of the hands (H):

Vertical location of the hands (V):

Travel Distance of the load (D):

Asymmetry Angle(A):

Lifting Frequency (F):

Moderate

Long

Short

FIGURE VII:1-2.
MEASURE OF
ASYMETRY ANGLE
A.

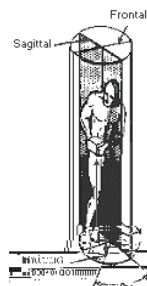


TABLE VII:1-
1.
FREQUENCY
MULTIPLIER
TABLE (FM)
Frequency
Lifts/min
(F) ‡

	Work Duration		
	< 1 Hour	> 1 but < 2 Hours	> 2 but < 8 Hours

TABLE VII:1-2. COUPLING TABLE GOOD	FAIR	POOR
CM = 1.00	V < 30" then CM = 0.95	CM = 0.90
	V > or = to 30" then CM = 1.00	