



**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.

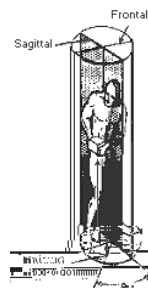


TABLE VII:1-  
1.  
FREQUENCY  
MULTIPLIER  
TABLE (FM)  
Frequency  
Lifts/min  
(F) ‡

	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	