

PENNSYLVANIA STATE UNIVERSITY



IE 553

Engineering of Human Work

Dr. Andris Freivalds

Class #15

NIOSH LIFTING EQ. \checkmark M

$$RWL = 51 \left(\frac{10}{H} \right) (1 - .0075|V - 30|) \left(.82 + \frac{1.8}{D} \right) (1 - .0032A) FM \times CM$$

Coupling Type	$V < 30$	$V \geq 30$
Good	1.00	1.00
Fair	0.95	1.00
Poor	0.90	0.90

