## MSA Harness User Capacity

Technical Brief FP-PC029



All MSA harnesses that are labeled as meeting ANSI Z359.1 or Z359.11 will also meet the OSHA Heavy Worker requirement and are allowed for use by workers up to 400lbs.

It should be noted that the scope of the ANSI Z359 standard only recognizes and applies to workers between 130-310lbs. For users 311lbs-400lbs, only OSHA compliance applies.

Capacity: 400 lbs (181 kg) [310 lbs (140 kg), ANSI Z359.11] (Includes person + clothes + tools), if shock absorbing lanyard is present, refer to capacity requirements of shock absorber.

MSA ANSI harness labels reflect both user capacity requirements as seen here.

ANSI Z359 specifically limits the allowable user weight range to be between 130-310lbs, whereas OSHA allows the user capacity to be adjusted as long as the test weight is also adjusted accordingly.

Capacity: 400 lbs (181 kg) [310 lbs (140 kg), ANSI Z359.11] (Includes person + clothes + tools), if shock absorbing lanyard is present, refer to capacity requirements of shock absorber.

Free Fall Limit: 6 ft (1.8 M) OSHA, CSA (using Fall Arrest Attachment)

Capacidad: 181kg [140 kg, ANSI Z359.11] (Incluye el peso del usuario + la ropa + las herramientas) si cordón amortiguador está presente, se refieren a los requisitos de capacidad del amortiguador.

Distancia Limite de Caida Libre: 1.8 metros OSHA, ACNOR (cuando se usa con elementos de detencion de la caida)

Capacite: 181 kg [140 kg, ANSI Z359.11] (comprend l'utilisateur + vêtements + outils) si longe d'absorption des chocs est présent, se référer aux exigences de capacité de l'amortisseur.

Limite de chute liber: 1,8 m OSHA, ACNOR (uilisant la fixation d'arret de chute)

USER ID		

Thus, MSA has tested all harnesses with the heavier test weight in order to qualify for both requirements.