

## SAFE WORK PRACTICES

### 2-PART BRIDLE SLING SAFE WORKING LOADS (S.W.L.)

*\*This information does not take precedence over OH&S. All employees should be familiar with the Saskatchewan Employment Act and the OH&S Regulations.*

The increase angle of the sling leg *reduces* its capacity. S.W.L. is based on *6 to 1 safety factor*.

| WIRE ROPE SIZE<br>INCHES | 30° S.W.L.<br>2 LEGS, LB | 45° S.W.L.<br>2 LEGS, LB | 60° S.W.L.<br>2 LEGS, LB |
|--------------------------|--------------------------|--------------------------|--------------------------|
| 1/4                      | 1600                     | 1300                     | 920                      |
| 3/8                      | 3500                     | 2860                     | 2020                     |
| 1/2                      | 6490                     | 5270                     | 3740                     |
| 5/8                      | 9740                     | 7910                     | 5600                     |
| 3/4                      | 14020                    | 11460                    | 8080                     |
| 7/8                      | 18920                    | 15840                    | 10900                    |
| 1                        | 24600                    | 20060                    | 14180                    |
| 1 1/8                    | 28900                    | 23500                    | 16660                    |
| 1 1/4                    | 36000                    | 29260                    | 20740                    |
| 1 3/8                    | 43880                    | 35840                    | 25340                    |
| 1 1/2                    | 53040                    | 43300                    | 30620                    |
| 1 5/8                    | 62180                    | 50760                    | 35900                    |
| 1 3/4                    | 71280                    | 58200                    | 41170                    |
| 1 7/8                    | 83680                    | 68320                    | 48320                    |
| 2                        | 91380                    | 74600                    | 52760                    |