

NEVADA DEPARTMENT OF TRANSPORTATION

**PURPLE WEIGHT AND BONUS OVERLOADS CHART**

**Example: 8' 0" Distance Between First and Last Axle**

**50,400**    4 tires, 8' 0" Wide    Purple Load = 1.5 x 700 (L + 40)  
**57,960**    8 tires, 8' 0" Wide    Purple Load (+ 15%) = 1.15 x 1.5 x 700 (L + 40)  
**63,000**    8 tires, 10' 0" Wide    Purple Load (+ 25%) = 1.25 x 1.5 x 700 (L + 40)

IN.→ FT.↓	0	1	2	3	4	5	6	7	8	9	10	11
2	28,000 32,000 35,000	28,000 32,000 35,000	28,000 32,000 35,000	28,000 32,000 35,000	28,000 32,000 35,000	28,000 32,000 35,000	28,000 32,000 35,000	28,000 32,000 35,000	28,000 32,000 35,000	28,000 32,000 35,000	28,000 32,000 35,000	28,000 32,000 35,000
3	28,000 32,200 35,000	28,000 32,200 35,000	28,000 32,200 35,000	28,000 32,200 35,000	28,000 32,200 35,000	28,000 32,200 35,000	45,675 52,526 57,094	45,763 52,627 57,203	45,850 52,728 57,313	45,938 52,828 57,422	46,025 52,929 57,531	46,113 53,029 57,641
4	46,200 53,130 57,750	46,288 53,231 57,859	46,375 53,331 57,969	46,463 53,432 58,078	46,550 53,533 58,188	46,638 53,633 58,297	46,725 53,734 58,406	46,813 53,834 58,516	46,900 53,935 58,625	46,988 54,036 58,734	47,075 54,136 58,844	47,163 54,237 58,953
5	47,250 54,338 59,063	47,338 54,438 59,172	47,425 54,539 59,281	47,513 54,639 59,391	47,600 54,740 59,500	47,688 54,841 59,609	47,775 54,941 59,719	47,863 55,042 59,828	47,950 55,143 59,938	48,038 55,243 60,047	48,125 55,344 60,156	48,213 55,444 60,266
6	48,300 55,545 60,375	48,388 55,646 60,484	48,475 55,746 60,594	48,563 55,847 60,703	48,650 55,948 60,813	48,738 56,048 60,922	48,825 56,149 61,031	48,913 56,249 61,141	49,000 56,350 61,250	49,088 56,451 61,359	49,175 56,551 61,469	49,263 56,652 61,578
7	49,350 56,753 61,688	49,438 56,853 61,797	49,525 56,954 61,906	49,613 57,054 62,016	49,700 57,155 62,125	49,788 57,256 62,234	49,875 57,356 62,344	49,963 57,457 62,453	50,050 57,558 62,563	50,138 57,658 62,672	50,225 57,759 62,781	50,313 57,859 62,891
8	50,400 57,960 63,000	50,488 58,061 63,109	50,575 58,161 63,219	50,663 58,262 63,328	50,750 58,363 63,438	50,838 58,463 63,547	50,925 58,564 63,656	51,013 58,664 63,766	51,100 58,765 63,875	51,188 58,866 63,984	51,275 58,966 64,094	51,363 59,067 64,203
9	51,450 59,168 64,313	51,538 59,268 64,422	51,625 59,369 64,531	51,713 59,469 64,641	51,800 59,570 64,750	51,888 59,671 64,859	51,975 59,771 64,969	52,063 59,872 65,078	52,150 59,973 65,188	52,238 60,073 65,297	52,325 60,174 65,406	52,413 60,274 65,516
10	52,500 60,375 65,625	52,588 60,476 65,734	52,675 60,576 65,844	52,763 60,677 65,953	52,850 60,778 66,063	52,938 60,878 66,172	53,025 60,979 66,281	53,113 61,079 66,391	53,200 61,180 66,500	53,288 61,281 66,609	53,375 61,381 66,719	53,463 61,482 66,828
11	53,550 61,583 66,938	53,638 61,683 67,047	53,725 61,784 67,156	53,813 61,884 67,266	53,900 61,985 67,375	53,988 62,086 67,484	54,075 62,186 67,594	54,163 62,287 67,703	54,250 62,388 67,813	54,338 62,488 67,922	54,425 62,589 68,031	54,513 62,689 68,141
12	54,600 62,790 68,250	54,688 62,891 68,359	54,775 62,991 68,469	54,863 63,092 68,578	54,950 63,193 68,688	55,038 63,293 68,797	55,125 63,394 68,906	55,213 63,494 69,016	55,300 63,595 69,125	55,388 63,696 69,234	55,475 63,796 69,344	55,563 63,897 69,453
13	55,650 63,998 69,563	55,738 64,098 69,672	55,825 64,199 69,781	55,913 64,299 69,891	56,000 64,400 70,000	56,088 64,501 70,109	56,175 64,601 70,219	56,263 64,702 70,328	56,350 64,803 70,438	56,438 64,903 70,547	56,525 65,004 70,656	56,613 65,104 70,766
14	56,700 65,205 70,875	56,788 65,306 70,984	56,875 65,406 71,094	56,963 65,507 71,203	57,050 65,608 71,313	57,138 65,708 71,422	57,225 65,809 71,531	57,313 65,909 71,641	57,400 66,010 71,750	57,488 66,111 71,859	57,575 66,211 71,969	57,663 66,312 72,078
15	57,750 66,413 72,188	57,838 66,513 72,297	57,925 66,614 72,406	58,013 66,714 72,516	58,100 66,815 72,625	58,188 66,916 72,734	58,275 67,016 72,844	58,363 67,117 72,953	58,450 67,218 73,063	58,538 67,318 73,172	58,625 67,419 73,281	58,713 67,519 73,391
16	58,800 67,620 73,500	58,888 67,721 73,609	58,975 67,821 73,719	59,063 67,922 73,828	59,150 68,023 73,938	59,238 68,123 74,047	59,325 68,224 74,156	59,413 68,324 74,266	59,500 68,425 74,375	59,588 68,526 74,484	59,675 68,626 74,594	59,763 68,727 74,703
17	59,850 68,828 74,813	59,938 68,928 74,922	60,025 69,029 75,031	60,113 69,129 75,141	60,200 69,230 75,250	60,288 69,331 75,359	60,375 69,431 75,469	60,463 69,532 75,578	60,550 69,633 75,688	60,638 69,733 75,797	60,725 69,834 75,906	60,813 69,934 76,016
18	60,900 70,035 76,125											

\* Tandem axles with axle spacing of less than 3' 6" are treated as a single axle.