



## Grate Load Testing

August 2006

### Testing Conditions:

- 1.) Grates are installed in the proper basin or pipe.
- 2.) Grates are level and flat.
- 3.) Loads are constant and evenly distributed.
- 4.) All Grates were tested in an unrestrained condition.

Grate Load Rating Chart

Part No.	Description	Load Rating
G3R	3" Round Grate	500 lb.
G4R	4" Round Grate	500 lb.
G4S	4" Square Grate	500 lb.
G5S	5" Square Grate	500 lb.
G6S	6" Square Grate	1000 lb.
G6R	6" Round Grate	600 lb.
G7S	7" Square Grate	850 lb.
G8S	8" Square Grate	1000 lb.
G8R	8" Round Grate	1000 lb.
G9S	9" Square Grate	2000 lb.
G10R	10" Round Grate	1000 lb.
G12R	12" Round Grate	2000 lb.
G9B	9" Basin Grate	1500 lb.
G12B	12" Basin Grate	1500 lb.
G18B	18" Basin Grate	2000 lb.
E34S	Emitter Grate	1000 lb.
G3C	3" Channel Grate	500 lb.
G5C	5" Channel Grate	1000 lb.