

### Test Summary

The following tests were performed stainless steel spigots installed into concrete with a 2m x 1.2m x 12mm glass panel.

Standard	Appendix	Compliance	Report Number
AS 1926.1-2007	B	Complies	27106080-1
AS 1926.1-2007	C	Complies	27106080-1
AS 1657-1992	B	Complies	27106080-2
AS 1657-1992	C	Complies	27106080-2

Standard	Loading Criteria	Compliance	Report Number
AS/NZS 1170.1-2002	C3 – 0.6kN	Complies	27106080-3
AS/NZS 1170.1-2002	C3 – 0.75kN/m	Complies	27106080-3
AS/NZS 1170.1-2002	1kN	Complies	27106080-3

### Test Requirement:

- The tests were set up as per AS 1926.1-2007 appendices B and C. The spigots were installed into concrete floor at a distance of 1m apart; a 2m x 1.2m x 12mm glass panel was also installed.
- The sample was to AS 1926.1-2007 appendix B as follows:
  - A 330N load was applied through a 105mm diameter block to a point 1.2m above the ground directly above spigot.
  - Following the removal of the load the sample was inspected for loosening or damage.
- The sample was to AS 1926.1-2007 appendix C as follows:
  - The stainless steel spigot was loaded to 250N through a 105mm diameter block.
  - The load was removed and the spigot was inspected for deformation.
  - The spigot was the loaded to 330N and following the removal of the load was examined for damage.

### Test Results:

Appendix	Load (N)	Load location	Observations	Compliance
B	330	1.2m above ground above spigot	No damage or loosening	Complies
C	250	On spigot	No deformation	Complies
C	330	On spigot	No damage or loosening	Complies

### Test Requirement:

- The tests were set up as per AS 1657-1992 appendices B and C. The spigots were installed into concrete floor at a distance of 1m apart; a 2m x 1.2m x 12mm glass panel was also installed.
- The sample was to AS 1657-1992 appendix B as follows:
  - A 550N load was applied through a point 1m above the ground directly above the spigot for 1 minute.
  - Using the laser distance indicator the permanent set was measured.
- The sample was to AS 1657-1992 appendix C as follows:
  - A 550N load was applied horizontally through a point 1m above the ground between the two spigot.
  - Using the laser distance indicator the permanent set was measured.

### Test Results:

Appendix	Load (N)	Load location	Permanent Set (mm)	Observations	Compliance
B	550	1m above ground above spigot	0.5	No damage	Complies
C	550	1m above ground between spigots	1.0	No damage	Complies

### Test Requirement:

- The tests were set up as per usual installation procedure. The spigots were installed into concrete floor at a distance of 1m apart; a 2m x 1.2m x 12mm glass panel was also installed.
- The sample was to loads as stated in AS 1170.1-2002 part 3.6 application C3 as follows:
  - A 0.6kN load was applied in the worst possible direction (horizontally 1m above the ground between the 2 spigots. This load was removed and sample was checked for damage.
  - A 0.75kN load was then applied to the same location and when removed spigots were checked for damage.
  - Finally a load of 1kN (highest load achievable with test set up) was applied and removed and spigots checked for damage.

### Test Results:

Load (N)	Load location	Observations	Compliance
600	1 m above ground between 2 spigots	No damage or loosening	Complies
750	1 m above ground between 2 spigots	No damage or loosening	Complies
1000	1 m above ground between 2 spigots	No damage or loosening	Complies