



Sample Specification for G-max Performance and Testing

- 1 G-max performance
 - 1.a When tested in accordance with the procedures and requirements described in section 2, below, *g*-max performance shall be as follows:
 - 1.a.1 Prior to acceptance and/or use by the owner, the average *g*-max at each test point shall be less than ____ *g*-max [and greater than ____ *g*-max].¹
 - 1.a.2 Subsequent to acceptance and while the field is under warranty, the average *g*-max at each test point shall be less than ____ *g*-max [and greater than ____ *g*-max].²
 - 1.b Subsequent to acceptance and while the field is under warranty, if the field fails to satisfy the requirement(s) of section 1.a.2, the contractor/manufacturer and the owner will cooperate to determine the cause of the failure. If the failure is attributable to defective materials or improper installation, the contractor/manufacturer shall be responsible for bringing the field into compliance. If the failure is due to improper or inadequate maintenance by the owner, or factors beyond the control of the contractor/manufacturer, the owner shall be responsible for bringing the field into compliance.
- 2 G-max testing
 - 2.a All *g*-max testing shall be performed by an independent testing service and in accordance with ASTM Standard Specification F1936 and ASTM Standard Test Method F355 (Procedure A).
 - 2.b Prior to acceptance and/or use by the owner, the contractor/manufacturer will have the field tested, as needed, to satisfy the requirement(s) of section 1.a.1, above.
 - 2.c Subsequent to acceptance, for the remainder of the time the field is under warranty, the contractor/manufacturer will have the field tested no less often than _____³, to demonstrate that the field complies with the requirement(s) of section 1.a.2, above.
 - 2.d If, during the warranty period, the field is tested and found not to comply with the requirement(s) of section 1.a.2, and the contractor/manufacturer is required to bring the field into compliance, the owner may require the contractor/manufacturer to have the field retested to verify compliance.
 - 2.e Copies of all *g*-max test reports shall be furnished to _____.⁴

Notes:

1. Insert desired *g*-max limit(s) for a new, unused field. Text in brackets is optional
2. Insert desired *g*-max limit(s) for the warranty period. The upper limit should not exceed 200 *g*-max. Text in brackets is optional
3. Insert the desired frequency of the *g*-max tests – i.e. annually, bi-annually, or a list of years when the field is to be tested.
4. Insert the name and/or title of the owner's designated representative.
5. This Sample Specification is intended only for purposes of illustration. It is the responsibility of the person who writes a specification to perform the research necessary to craft a set of terms and conditions that are relevant and appropriate to their own unique requirements.