

INTERPRETATIVE BULLETIN I-1-80
SUBSTANTIAL BRACE CRITERIA - WAIVER
3280.808(a) REFERENCING ARTICLE 370-13
OF THE NATIONAL ELECTRICAL CODE
[NFPA NO. 70-1975]

WAIVER

The Secretary hereby waives the specific requirements of the National Electrical Code [NFPA No. 70-1975], Article 370-13 that a substantial brace if of wood, shall not be less than nominal one inch thickness and if of metal it shall not be less than No. 24 MSG under certain conditions. This waiver only applies if the “substantial brace” assembly, which includes the brace and the fastening mechanisms to attach the brace to the mobile home structure, shall withstand a force of 50 pounds applied perpendicularly to the surface in which the box is installed at the point(s) where the box is attached to the brace. The performance of the “substantial brace” may be verified either by calculation or load test. If verified by load test, the Ultimate Load Test specified in 24 CFR 3280.401(b) shall be utilized. The requirement that if the brace is metal it shall be corrosion-resistant is still applicable for this waiver.