



430 N. Varney Street • Burbank, CA 91502 • (877) 843-9757 • Fax (818) 841-5096

**“Certificate of Crashworthiness”  
Category 1 Crashworthy Traffic Control Device(s)**

**Three D Traffic Works  
430 N. Varney Street  
Burbank, CA 91502  
(818) 841-2182 • Toll Free (877) 843-9757  
Fax (818) 841-5096**

**Certificate No. GEN 5 3D**

**Item(s) to Certify: TD5200 Boomerang Surface Mount Delineators with  
Patented “Boomerang” Reboundable Base feature**

**Statement for Self-Certification**

*The above noted item is considered to be a Category 1 device based on the following statement made by the Federal Highway Administration:*

In their memo dated July 25, 1997 and regarding the subject of “Action: Acceptable Highway Safety Features”, the Federal Highway Administration (herein to be referred to as FHWA) specifies the four categories to which work zone devices should be classified. The FHWA notes “small and lightweight channelizing and delineating devices that have been in common use for many years and are known to be crashworthy by years of demonstrably safe operational performance”.

It is also stated that the FHWA will not maintain a list of acceptable or crashworthy devices which are classified in this category and that manufacturers of such items shall self-certify that these lightweight, small, channelizing, and delineating devices are crashworthy based on the above definition by the FHWA.

**Basis for Self-Certification**

As acknowledged in the Memorandum, tubular markers (also known as delineators) are included as a Category I device. Three D Traffic Works, Inc. located at 430 N. Varney Street, in Burbank, CA manufactures such an item, known as the TD5200 “Boomerang” Surface Mount Delineator. The base is located at ground level, which is required in the Memorandum to allow this as a Category I device. Also, the TD5200 Delineator HDPE plastic post poses no threat once struck to intrude the vehicle compartment, damage a tire, or cause any significant loss of control.



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**Specification and Design**

The TD5200 “Boomerang” Surface Mount Delineator Post is available in heights that do not to exceed 48”. The TD5200 has either a 2.25” or 3” outer diameter (O.D.) making it considerably similar to most delineators manufactured within the traffic control industry. Bases are proprietary for use with the TD5200 and will weigh 0.65 pounds, which is typical for similar surface mount units. This “generic” design does not vary within the industry and has become the “standard” to which our TD5200 were designed.

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Signed

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June 10, 2004

\_\_\_\_\_  
Date of Issue

\_\_\_\_\_  
National Sales Manager

\_\_\_\_\_  
Title of Authorized Person’s Signature

*This certificate shall not be reproduced except in full.*