

California Department of Transportation

DIVISION OF SAFETY PROGRAMS
P.O. BOX 942873, MS-36 | SACRAMENTO, CA 94273-0001
PHONE (916) 654-4385 | FAX (916) 653-5776 TTY 711
<http://www.dot.ca.gov/programs/safety-programs>



August 29, 2022

Chris Harman
President
SPIG Industry, LLC.
14675 Industrial Park Road
Bristol, VA 24202

Dear Mr. Harman:

The SPIG Gating End Terminal (SGET™) is approved for use on California State highways at test level 3 (TL-3). This approval was recommended by the California Department of Transportation's (Caltrans) Highway Safety Features New Products Committee (HSFNPC), based on information you provided indicating the devices complied with the requirements of the Manual for Assessing Safety Hardware (MASH).

The SGET™ is an energy absorbing guardrail end treatment for w-beam guardrail. Energy is dissipated upon impact as the SGET™ feeds the rail through the impact head and exits it to the non-traffic side of the system. It is 50 feet in length and can be installed with a top rail height of 31 in ±1 inch. The SGET™ is comprised of one (1) impact head, one (1) Post 1 assembly, one (1) cable anchor system, one (1) 12 Ga 12.5 ft long w-beam section, the specialty panel, seven (7) yielding posts, and three (3) standard 12 GA 12.5 ft MGS guardrail panels. The posts are spaced at 75 inches on center with the rail splices located at the posts.

The SGET™ will be included on the Caltrans Authorized Materials List and will be equal alternatives to other MASH compliant end terminals. Reference Installation Manual (Instructions810) and the following drawings as the approved plans for Caltrans use: SGET-MASH-TL-3-R1 (sheets 1 and 2). If the device, the drawings, or the manual are modified, the change(s) must be resubmitted to Caltrans for review. Any changes to the product must result in a product that still meets MASH standards.

If you have any questions, please contact Yu-Ying Chu, HSFNPC Chair at (916) 639-6136 or by email at <yu-ying.chu@dot.ca.gov>.

Sincerely,

A handwritten signature in black ink, appearing to read 'Yue Wang'.

Yue Wang, Acting Chief
Office of Safety Systems and Devices
Division of Safety Programs

c: Yu-Ying Chu, Chair, Highway Safety Features New Products Committee