

Please quote our ref: SP2-0019

FM : 060621

27th June 2006

Katalin Csikasz  
Engineering and Pole Product Manager  
306 Neilson St, Onehunga  
PO Box 12 949,  
Penrose  
AUCKLAND

Dear Katalin,

**TNZ M/19 Specification - Evaluation of  
6mm OCLYTE Short Stub™ manufactured by CSP Pacific  
Application for Approval**

Thank you for your request for approval to use the 6mm OCLYTE Short Stub™ in the Auckland area where compliance with TNZ M/19:1994 is required.

The information provided has been evaluated and approval is granted for the 6mm OCLYTE Short Stub™ to be used in the Auckland area for State Highway works where compliance is required with TNZ M/19:1994, Tubular Steel Lighting Columns subject to the following conditions;

Design Limitations:

- Max. 12.0m Nominal Mounting Height column with a maximum of 4.0m double outreach **AND**
- Auckland Terrain 2 - Topographic Multiplier 1.0 **OR**
- Auckland Terrain 3 - Topographic Multiplier 1.1 **OR**
- Ultimate Design Wind Pressure of 0.9kPa assessed at 12.0m height **AND**
- Soil condition - "Good Ground" in terms of NZS 3604:1999

**National Office**

Note:

- Applications for areas outside the Auckland area shall be checked by CSP Pacific Engineering

The use of a shear base ground stub shorter than 2.4m, other than the **OCLYTE Short Stub**<sup>™</sup>, for State Highways within the Auckland area, will require approval by Transit NZ, prior to installation.

Yours sincerely

A handwritten signature in blue ink, appearing to read 'Greg Arnold', written in a cursive style.

Greg Arnold.  
Engineering Policy Manager