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For question about the QPL, please contact the following:

**DAVID SONG**  
170 / 2070 CONTROLLER & CABINET  
Program Coordinator  
Phone: (916) 654-4591  
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david_song@dot.ca.gov

**HERASMO INIGUEZ**  
TEES  
ITS Project and Standards  
Phone: (916) 653-2011  
Fax: (916) 653-2144  
herasmo_iniguez@dot.ca.gov

**CALIFORNIA DEPARTMENT OF TRANSPORTATION**  
TRAFFIC OPERATIONS
State of California
Qualified Products List

General

The assemblies listed below have been tested by the California Department of Transportation Laboratory and found to be compliant to the Traffic Signal Control Equipment Specifications (TSCES), dated January 1989, and applicable addendum, and the Transportation Electrical Equipment Specifications (TEES), dated August 16, 2002, plus Errata 1 dated October 27, 2003 and Errata 2 dated June, 08, 2004 and applicable addendum, and the Specification for Battery Backup System (BBS) Inverter and External BBS Cabinet.

When these assemblies are to be purchased, only those listed below will be considered.

Qualifier to Qualified Products List (QPL)

A manufacturer’s listing on the QPL does not waive any of the requirements of the specifications or relieve the manufacturer/vendor of any obligation thereunder. Defective work, materials and equipment will be rejected.

In short, all equipment submitted must comply with current specifications.

<table>
<thead>
<tr>
<th>Model 170E Controller Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic/Eagle Signal</td>
</tr>
<tr>
<td>Dynamic Traffic Systems (Dynatrol)</td>
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<tr>
<td>Topping Electronics, LTD</td>
</tr>
<tr>
<td>McCain, Inc.</td>
</tr>
<tr>
<td>Phillips/Sisson Industries, Inc. (PSI)</td>
</tr>
<tr>
<td>Safetran Traffic Systems Incorporated</td>
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<table>
<thead>
<tr>
<th>Model 2070L Controller Unit</th>
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<tbody>
<tr>
<td>Econolite Control Products, Inc. (image version 1.01.08.02b) (Errata 1 dated 10/27/03 &amp; Errata 2 dated 6/8/04)</td>
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<td>Eagle Traffic Control Systems (image version 6.2.0.0.0.81) (Errata 1 dated 10/27/03 &amp; Errata 2 dated 6/8/04)</td>
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<td>Naztec, Inc. (image version 5.0.0.4) (Errata 1 dated 10/27/03 &amp; Errata 2 dated 6/8/04)</td>
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<tr>
<td>Quixote Traffic Corporation (image version 1.03e) (Errata 1 dated 10/27/03 &amp; Errata 2 dated 6/8/04)</td>
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<tr>
<td>McCain, Inc. (image version 1.6) (Errata 1 dated 10/27/03 &amp; Errata 2 dated 6/8/04)</td>
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</tbody>
</table>
## Model 2070-6A Modem
- General Devices, Incorporated (GDI)
- Eagle Traffic Control Systems

## Model 2070-6B Modem
- General Devices, Incorporated (GDI)

## Model 2070-7A Serial Comm. Card
- Eagle Traffic Control Systems
- Econolite
- McCain, Inc.
- Naztec, Inc.
- Quixote Traffic Corporation

## Model 200 Switch Packs
- General Devices, Incorporated (GDI) Rev. A
- Perfect Distribution Control (PDC) --- SSS-88
- Traffic Sensor Corporation (TSC) --- 83A059A (C/N SP4200)

## Model 204 Flashers
- General Devices, Incorporated (GDI) Rev A
- Perfect Distribution Control (PDC) --- SSF-88
- Traffic Sensor Corporation (TSC) (C/N FU 4204)

## Model 206 Power Supply Module
- Eagle Traffic Control Systems
- McCain, Inc.
- Phillips / Sisson Industries, Inc. (PSI)
- Safetran Traffic Systems, Incorporated
- Traffic Sensor Corporation (TSC)
### Model 222 Two-Channel Loop Detectors
- Detector Systems Incorporated
- Diablo Engineering (DSP 222)
- Eberle Design Incorporated (EDI)
- Northstar Controls, LLC
- Reno A&E (Model G)(rev. 5 w/audible detect buzzer)

### Model 231 Magnetic Detector Element
- M-Systems, Inc.
- TEECO Safety Incorporated (311-M)

### Model 232 Dual Magnetic Detector Sensor Unit
- M-Systems, Inc.

### Model 242 Two-Channel DC Isolators
- Detector Systems Incorporated
- Eberle Design Incorporated (EDI)
- General Devices, Incorporated (GDI) --- DIM242
- Perfect Distribution Control (PDC) --- DCI-82
- Traffic Sensor Corporation (TSC)

### Model 252 Two-Channel AC Isolators
- General Devices, Incorporated (GDI) --- 252CA
- Perfect Distribution Control (PDC) --- ACI-88
- Traffic Sensor Corporation (TSC)

### Model 332A Cabinets
- Eagle Traffic Control Systems
- US Traffic Corporation
- McCain, Inc.
- Phillips / Sisson Industries, Inc. (PSI)
- Safetran Traffic Systems, Incorporated
- Temple, Inc.

### Model 334C Cabinets
- McCain, Inc.
- Safetran Traffic Systems, Incorporated
### Model 400 Modems

<table>
<thead>
<tr>
<th>Model</th>
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<tr>
<td></td>
<td>General Devices, Incorporated (GDI) Rev E</td>
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<td>General Devices, Incorporated (GDI) Rev F</td>
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<td>Perfect Distribution Control (PDC) - MDM 97</td>
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### Model 412 Program Module

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### PDA2 (Power Distribution Assembly)

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### PDA3 (Power Distribution Assembly)

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<td></td>
<td>Safetran Traffic Systems, Incorporated</td>
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### C2P Modem Interconnect Harness

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<th>Model</th>
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<td>Rose Supply Company</td>
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<td></td>
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<td>McCain</td>
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<td>Kreeco</td>
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### Battery Backup System (BBS) Inverter

#### US Traffic Corporation

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<td>48 VDC Models (1250VA / 875 Watt)</td>
<td>PB-1250C-PC; PN: G30190</td>
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<tr>
<td>48 VDC Models (2000VA / 1500 Watt)</td>
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#### Clary Corporation

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</table>
# Qualified Products List

**February 9, 2009**

## Model: SP1250PD-CN

**On-Line Power, Inc.**

48 VDC Models (2000VA / 1500 Watt)
Model/PN: CT2.0A0100N1-00

**Airpax Dimensions Unlimited, Inc.**

24 VDC Models (1100 Watt)
Model: ADI-24M11 (332 Cabinet / External Cabinet Mounted)
Model: ADI-24Y11 (332 Cabinet Mounted Only)

48 VDC Models (1700 Watt)
Model: ADI-48M17 (332 Cabinet / External Cabinet Mounted)
Model: ADI-48Y17 (332 Cabinet Mounted Only)

**Myers Power Products, Inc.**

48 VDC Models (2000VA / 1500 Watt)
Model: MP2000ITS; PN: G30219

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**External Battery Backup System (BBS) Cabinet**

**US Traffic Corporation**
Model: BC280-CA-A-K2

**Safetran Traffic Systems, Inc.**
PN: 088397D332-00B

**California Chassis**
PN: 103886

**McCain, Inc.**
PN: M34196

**Myers Power Products, Inc.**
Model: BC280-CA-A

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**Model 500, 510, 520 Changeable Message Sign (CMS)**

<table>
<thead>
<tr>
<th>Company</th>
</tr>
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<tbody>
<tr>
<td>Ledstar</td>
</tr>
<tr>
<td>McCain, Inc.</td>
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Qualified Products List
February 9, 2009
LED CMS Pixel Matrix Module

Adaptive Micro Systems Inc.
Model #: 12073001

McCain, Inc.
Model #: M33531 (Model 500)
Model #: M63096 (Model 510)

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