

Product Evaluation

RE: Review of RCF 2.4 Automated Flagger Assistance Device

PRODUCT

RCF 2.4 Automated Flagger Assistance Device is manufactured and distributed by North American Traffic located in Port Colborne, Ontario.

VENDOR CLAIMS AND INFORMATION

CLAIMS

RCF 2.4 Automated Flagger Assistance Device is an easy to use intuitive controller that can be operated automatically or manually. The RCF 2.4 Automated Flagger Assistance Device is recognized as the safest alternative to human flaggers for short duration traffic control. Web link for this product: <http://northamericatraffic.com/>

DESCRIPTION

RCF 2.4 Automated Flagger Assistance Device shall consist of signal controller hardware with LCD screen (2.54cm X 9.53cm); Signal Controller Software; Radio communication Systems with high gain 7dB antenna and operational distance of 800 meters; Signal heads of 300mm diameter; hand held radio remote control and trailer structure.

POTENTIAL USAGE

RCF 2.4 Automated Flagger Assistance Device is operated by a single flagger by a hand held wireless remote. The unit is battery powered with a 99 watt array solar assist providing efficient operation for a full work week. This system is rated to operate within temperature range of -40°C to +85°C.

STANDARDS

MUTCDC - Manual of Uniform Traffic Control Devices for Canada
NEMA – National Electrical Manufacturers Association

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has no experience with this product.

APPLICABLE STANDARDS

At present Alberta Transportation references the ITE specifications for traffic signals.

RECOMMENDATIONS:

RCF 2.4 Automated Flagger Assistance Device be listed as a Potential Product under Alberta Transportation Products List, Traffic Control Devices – Work Zone Traffic Control – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS

Rishi Adhikari
cc New Products Evaluation Group – Roger Skirrow