STANDARDS APPLIED

EVALUATED IN CONJUNCTION WITH AN APPROVED AND COMPATIBLE ASSOCIATED APPARATUS
AND ASSOCIATED APPARATUS DECKS THE DECK WHERE THE SYSTEM IS INSTALLED IN ACCORDANCE WITH APPROVED INSTALLATION INSTRUCTIONS.

CLASSIFICATION GROUP:

UL 5235 CONTROL EQUIPMENT FOR USE WITH FLAMMABLE LIQUID CONTAINING TANKS

UL 913 INTRINSICALLY SAFE APPARATUS

CSA C22.2 NO. 1002 CANADIAN ELECTRICAL CODE PART II

CSA C22.2 NO. 1003 WIRING AND GROUNDING OF ELECTRICAL EQUIPMENT

CSA C22.2 NO. 1004 WIRING IN PROCESS CONTROL EQUIPMENT

CSA C22.2 NO. 1013 INTRINSICALLY SAFE AND NON-INFLAMMABLE EQUIPMENT FOR USE IN HAZARDOUS LOCATIONS, CONSUMER AND COMMERCIAL PRODUCTS

SURGE PROTECTION

SURGE PROTECTION COMPONENTS MUST BE GAS-TYPE, UL RECOGNIZED, CATEGORY CODE (240V), PER UL 1449 AND WITH AN IMPEDANCE OF AT LEAST 1014 8/20μS OR CHEAPER WHEN INSTALLED AT THE TANK Entry.

CONNECT THE SURGE PROTECTION IN ACCORDANCE WITH NFPA 780, CLAUSE 4.18.3.2.

CONSULT THE LOCAL AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLING ANY SURGE PROTECTION DEVICES. SOME INSTALLATIONS MAY REQUIRE A 0 FOOT CLEARING DISTANCE BETWEEN SURGE PROTECTION AND ANY TANK ACCESS POINT OR VENT. REFERENCE NFPA 30.

THE SURGE PROTECTION DEVICE MUST BE A SHUNT APPARATUS ONLY (NFPA 70, CLAUSE 504.2) SUITABLE TO THE AUTHORITY HAVING JURISDICTION.