NOTE-1: MAX SAFE AREA VOLTAGE NOT TO EXCEED 250 VRMS OR VDC.

NOTE-2: THE NONINCENDIVE FIELD WIRING CONCEPT ALLOWS THE INTERCONNECTION OF NONINCENDING FIELD WIRING APPARATUS WITH ASSOCIATED NONINCENDIVE FIELD APPARATUS USING ANY OF THE WIRING METHODS PERMITTED FOR NON-HAZARDOUS (UNCLASSIFIED) LOCATIONS WHEN: Uo ≤ U or Voc ≤ Vmax, Io ≤ I or It ≤ Imax, Po ≤ Pi + Lcable, Lo + Li ≤ Lcable, Po ≤ Pi.

NOTE-3: NO REVISION WITHOUT PRIOR FACTORY MUTUAL APPROVAL.

NOTE-4: INTRINSIC SAFETY BARRIERS MUST BE FACTORY MUTUAL APPROVED IN THIS CONFIGURATION.

NOTE-5: (ENTITY CONCEPT DEFINITION)

THE ENTITY CONCEPT ALLOWS INTERCONNECTION OF INTRINSICALLY SAFE APPARATUS WITH ASSOCIATED APPARATUS WHEN THE FOLLOWING IS TRUE:

Vmax or U ≤ V, Io or I ≤ I, Imax or Ii ≤ Isc, It or Io ≤ It, Pmax or Pi ≥ Po, Ca or Ca + Ccable, La or Lo + Li ≥ Li + Lcable.


NOTE-7: FOR DIVISION 1 INSTALLATIONS, THE CONFIGURATION OF ASSOCIATED APPARATUS SHALL BE FM APPROVED UNDER ENTITY CONCEPT.

NOTE-8: FOR DIVISION 2 INSTALLATIONS USING NONINCENDIVE FIELD WIRING CONCEPTS, THE ASSOCIATED APPARATUS SHALL BE FM APPROVED UNDER THE ENTITY CONCEPT OR NONINCENDIVE FIELD WIRING CONCEPT.

NOTE-9: WARNING - DO NOT OPEN WHEN ENERGIZED.

NOTE-10: WARNING - DO NOT DISCONNECT EQUIPMENT UNLESS AREA IS KNOWN TO BE NON-HAZARDOUS.

NOTE-11: WARNING - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR HAZARDOUS (CLASSIFIED) LOCATIONS.

NOTE-12: WARNING - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR HAZARDOUS (CLASSIFIED) LOCATIONS.

NOTE-13: WARNING - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR HAZARDOUS (CLASSIFIED) LOCATIONS.

NOTE-14: WARNING - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR HAZARDOUS (CLASSIFIED) LOCATIONS.

NOTE-15: WARNING - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR HAZARDOUS (CLASSIFIED) LOCATIONS.