ELECTRICAL REQUIREMENTS FOR HOISTS & CRANES USED IN HAZARDOUS ENVIRONMENTS

HAZARDOUS AREAS
As defined by N.E.C. Section 500

- **CLASS I**
  Gases & Vapors
  - **DIVISION 1**
    Hazard ALWAYS present
    - GROUP A
      Acetylene
    - GROUP B
      Hydrogen, Etc.
    - GROUP C
      Ethyl-Ether, Ethylene, Etc.
    - GROUP D
      Gasoline, Hexane, Naphta, Benzine, Butane, Propane, Alcohol, Acetone, Benzol, Natural Gas, Etc.
  - **DIVISION 2**
    Hazard NOT normally present
    - GROUP A
      Same as Division 1
    - GROUP B
      Same as Division 1
    - GROUP C
      Same as Division 1
    - GROUP D
      Same as Division 1
- **CLASS II**
  Combustible dusts
  - **DIVISION 1**
    Hazard ALWAYS present
    - GROUP E
      Metallic Dust
    - GROUP F
      Carbon Black, Coal, Coke
    - GROUP G
      Flour, Starch, Grain, Etc.
  - **DIVISION 2**
    Hazard NOT normally present
    - GROUP E
      Same as Division 1
    - GROUP F
      Same as Division 1
    - GROUP G
      Same as Division 1