



# **HAZARD CONTROL TECHNOLOGIES, INC.**

## **FIRE, VAPOR, AND CONTAMINATION CONTROL SOLUTIONS**

### **CONCENTRATE CONTROL SUPPLY SYSTEMS**

Hazard Control Technologies, Inc. offers loss control solutions with our engineered, custom designed Concentrate Control Supply (CCS) Systems for enhancing the capabilities of your fire protection equipment. Our CCS Systems enhance the safety of personnel and facility assets.

#### **CCS System Standard Features:**

- Both powered and non-powered options available:
  - Bladder Tanks
  - Water-Driven Proportioners
  - Pump Systems
- Systems available with HCT's UL Listed F-500 Encapsulator Fire Suppression Agent, Pinnacle Class B AFFF, Pinnacle Class B AR-AFFF, or Pinnacle Class A Foam for fire protection. Can also be used with one of HCT's other agents such as Dust Wash for dust control or HydroLock for explosive vapor mitigation applications.
- Easily integrated into any existing suppression system.
- Systems require low maintenance.
- Agent tank sizes from 36 to 12,000 gallons.
- Ratio controllers from 2" - 8" with proportioning from 0.25% - 6%.

**Custom configurations available upon request**



**Bladder Tank  
Concentrate Control System**



**Water-Driven Proportioner Concentrate Control System**



**Balanced Pressure Pump Concentrate Control System**



# CCS SYSTEM INDUSTRIAL APPLICATIONS

Hazard Control Technologies is a recognized fire protection and plant safety expert. Our CCS Systems reliably proportion F-500 or other approved agents into new or existing fixed suppression systems providing enhanced protection.

Because F-500 does not rely on the formation and maintenance of a foam blanket, it is ideal for many of the unique, three-dimensional fire hazards found throughout industrial facilities.

## **Industrial Applications:**

- Motor / Turbine Protection
- Warehousing and Storage
- Raw Material Stock Piles
- Production Lines and Areas
- Hydraulic Pit Press Areas and Pumps

## **F-500 CCS Systems Are Effective On:**

- Class A Materials such as wood, paper, rubber, fiberglass, and plastics
- Class B fuels such as polar and non-polar solvents, resins, and fuels
- Class D metals fires such as magnesium, titanium, and sodium

## **HCT CCS Systems: The Complete Solution**

From design to installation, to final commissioning, inspections, and certification, HCT works with all parties to ensure the fire protection system is installed correctly, functioning and proportioning as designed. We provide training to on-site personnel to ensure they understand the operation and maintenance requirements of this critical fire protection system. We also provide an annual testing and recertification service to adhere to national fires codes.



## **Other HCT Products and Services:**

- Fire and Vapor Suppression Agents and Foams
- Firefighting Piercing Rods and Training
- Fixed and Portable Fire Suppression Equipment
- Hazard Awareness and Fire Department Training
- Linear Heat Detection and IR Black Box Scanners
- Emergency Response Consulting

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