# Predict.Prevent.Protect

## CARDOX Low-Pressure Carbon Dioxide Fire Protection - Plain & Simple



#### FIRE PROTECTION FOR SPECIAL HAZARDS

The Chemetron 7 5 F 8 CLbw/PressureCarbonDioxide (CO,) Systemisa cost effectivesolutionwhenused to protectare as that require multiple suppression ycles, expansioncapabilities, numeroushazardsor more than 300 (bsof CO, Asthepremier LowPressur@O,SystemmanufacturerChemetionhasled thewayin establishing industrystandads.

CO<sub>2</sub> is an odorless, colorless, inert gas that extinguishes fire primarily by diluting theoxygenthatsupport sombustion It is applied by either the  $\hat{h}$  c h  $\hat{u}$  c  $X \rightarrow b$ orî c WdJd ] Wtbletthod.COlisnotrecommendedfornormallyoccupiedspaces, exceptwhemothermeansoffireprotectionarenoteffective.

TotalfloodingdeliversCO<sub>2</sub>intoanenclosureuntilthefireisextinguishedForopen  $hazards, the CO_local application method blankets the hazard extinguishing he flames$ and cooling the hazard. In 1 h c h U c c X the effclos ure of the hazard protecteds floodedtoaproperconcentrationInî c WWU d`] W CO, iş dir decti ya pplied in the properamountat the rate required to cover the protected hazard.

#### PROBLEM SOLVED

CO<sub>2</sub> is fast, efficient cost effective andadaptable for a widerangeof hazards

Multihazard, highrisk protection canbedesignedoprovide automaticsimultaneousischarge fora variet of hazards and configurations

Non-damaging-oproperty and electrically non-conductive

Bulklowpressur€O storagare suitable rindoororoutdoor LISTINGS placement

Utilizeswellestablishesdafety meanstominimizeriskstopersonnel

#### WHY CHOOSE CHEMETRON

We are a leader in the fire protection industry. We have innovated many product and extinguishingsystemdesigntechniques.We designand manufactur@ARDOXLow and High Pressur@arbonDioxide and 7 5: Y@lean Agentfire suppressions ystems. Ourfull line of conventional and addressable lectronic controbanels finish the packageto provide a complete system solution.

Our network of certified personneland best-in-classdistributorshave the training, experienceand technical skills to provide you with all of these rvices needed to keep your property protected. We offer the following services: application engineering; inspectionand testing; emergency repairs; hazard analysis; NFPA upgrades; safety, maintenanceand operationsite procedue; venting analysis; room integrity testing andmore.

CHEMETR 1 Fire Systems CARDOX

APPROVALS&

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CSFMListe





### Predict. Prevent. Protect.

#### APPLICATION FOR CARDOX LORESSURECO:

CoalHandlingGrinding and StorageSystems WarehousesndFlammable

MaterialStorage

HighVoltageSwitchgeaBuildings ManufacturingndIndustrial Processes

Automotivendustry

PowerGenerationEnclosures PrintingApplications RollingMillsandMetalProcessing FumeHandlingSystems CementPlants industriaffryerProcestaines



#### CARDOX LOWPRESSURE COFEATURES:

Fast...WithinsecondsCO<sub>2</sub> penetratetheentirehazardareatosmothethe firebeforeit candevelopintoa costlyevent.

 $\label{eq:conomical.low-pressureO_2} is less expensive or eplenish and requires a smaller footprint or agents to rage Multiple discharges fystem are possible without witch verto the reserve.$ 

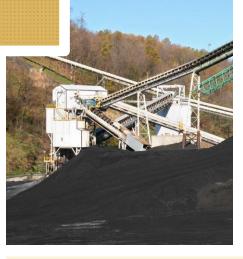
Lowmaintenance..low-pressur CQ systemdonotrequirehydrostatic testing.....evef.ill connections reeasily accessed vithout heinvolvement of plantpersonnel the liquid-level gauge continuous lynonitors he amount of agents to redeliminating heneed to verify weight.

No cleanup... CQ leaves no residue eliminating heneed for a time consuming nd costly cleanup. Additionally CQ is electrically on conductive and does not causes poilage for ganigmaterials.

Efficient...CO<sub>2</sub> vaporchokesoffcombustioquicklyinalowpressursystem, reservsupplysobtainedwithoucomplicatednanifoldsorvalves.

Eco-Friendly...CO is a basicelement of the atmosphere and a naturally occurringy-product fcombustion its use has no long lasting nvironmental impact.

Adaptive...CO is effectiven a widerangeof flammable and combustible material in both surface and deepseated fires low-pressure ystems allow multiple hazardprotection from a common piping system.



APPROVED FOR USE WITH CHEMETRON SUPPRESSION CONTROL UNITS

Mico MLX Mico SLX Mico XLT LP



Distributed by:

SAFE Fire Protection, Inc. 8914 Brittany Tampa, Florida 33619 813.664.8989

www.safefireprotection.net

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