POTTER | CORROSION SOLUTIONS

The Symbol of Protection

Testing

NFPA 13 and 25 (Required)

NFPA 13, 2007, 23.1.5.1
Water supplies and environmental conditions shall be evaluated for the existence of microbes and conditions that contribute to MIC.
Solution: Potter Water Test Kit (WTK)

NFPA 25, 2008, 14.2.1.2
Tubercles or slime, if found, shall be tested for indications of microbiologically influenced corrosion (MIC).
Solution: 5-Year Deposit/Sludge Test Kit

Solutions

Bac-Pak
Stock # 1119172

Bac-Pak

- Easy do-it-yourself test
- Tests for the three most common MIC causing bacteria
- Water in vial changes to color of lid, if bacteria present

Water Test Kit
Stock # 1119178

Water Test Kit

- Complete MIC analysis through water sample
- Kit comes with prepaid return envelope
- Complies with NFPA 13, requiring MIC testing of the water supply

Five-Year Deposit/
Sludge Test Kit
Stock # 1119174

5-Year Deposit/Sludge Test Kit

- Designed to conform to the requirements of NFPA 25 requiring testing for MIC if slime or tubercles are discovered during an internal inspection
- Kit comes with prepaid return envelope

Dissolved Iron
Water Test Kit
Stock # 1119176

Dissolved Iron Water Test Kit

- Monitors the effectiveness of corrosion mitigation programs
- Keeps track of general corrosion within a fire sprinkler system
- Degree of "Redness" of sampled water indicates level of dissolved iron

Pipe Sample Test
Stock # 1119184

Pipe Failure
Corrosion Analysis
Stock # 1119183

Pipe Failure and Pipe Test Kits

- Each kit includes:
  sample identification form, prepaid shipping and laboratory analysis of pipe sample

Treatment

NFPA 13 and 25

NFPA 13, 2007, 8.16.4.2.3
Where corrosive conditions exist or piping is exposed to the weather, corrosion resistant types of pipe, fittings and hangers or protective corrosion-resistant coatings shall be used.

Galvanized Schedule 40 Pipe
Untreated for 20 Months

Galvanized Schedule 40 Pipe Treated with
Potter Pipe-Shield® for 20 Months

NFPA 13, 2007, 23.1.5.2(2)
Treat all water that enters the system using an approved corrosion inhibitor.
Solution: Potter Pipe-Shield® Corrosion Inhibitor

Solutions

Potter Pipe-Shield®
5 Gallon Stock # 1119105
15 Gallon Stock # 1119115
55 Gallon Stock # 1119155
275 Gallon Stock # 1119275

Potter Pipe-Shield® Corrosion Inhibitor (Patented)

- Biostatic, environmentally friendly corrosion inhibitor
- Developed to protect wet, dry and pre-action fire sprinkler systems from MIC and oxygen corrosion
- Non-regulated, non-hazardous and completely biodegradable with a neutral pH
- Tested and approved by the Lubrizol Advanced Materials System Compatible Program for Blazemaster pipe

FGG-BM-CZ
SYSTEM COMPATIBLE

Portable Chemical Injection System
Stock # 1119920

Portable Chemical Injection System
-PCIS-

- Designed and manufactured specifically for injecting corrosion inhibitors, such as Potter Pipe-Shield® into fire sprinkler systems
- Completely self-contained portable system
- Contact Potter for a free copy of the PCIS instructional DVD

Potter Chemical Delivery System
Stock # 1119700

Potter Chemical Delivery System
-PCDS-

- Designed and manufactured specifically for injecting corrosion inhibitors, such as Potter Pipe-Shield® into fire sprinkler systems
- Completely self-contained chemical delivery system
- Corrosion inhibiting chemical is contained in a polyethylene primary tank equipped with a liquid level float switch which provides notification of a low chemical condition

Dry Pipe Treatment

Less expensive alternative to nitrogen

Provides moisture free air to a -40°F dew point

UL/FM air maintenance device

Provides complete protection against MIC corrosion when used in conjunction with Potter Pipe-Shield®

Solutions

Corrosion Dry Air Pak
-CDP Series-

- Complete turnkey system offers an alternative to nitrogen system
- Power requirements
  - CDP 500 Single Phase 230V current load 8.6 amps
  - CDP 500 Three Phase 460V current load 4.3 amps
  - CDP 1000 Single Phase 230V current load 13 amps
  - CDP 1000 Three Phase 460V current load 6.5 amps
  - CDP 2000 Single Phase 230V current load 13 amps
  - CDP 2000 Three Phase 460V current load 6.5 amps
- Options available

CDP 500 Single Phase 120V	Stock # 1119726
CDP 500 Single Phase 208V	Stock # 1119727
CDP 500 Single Phase 230V	Stock # 1119728
CDP 500 Three Phase 208V	Stock # 1119730
CDP 500 Three Phase 230V	Stock # 1119731
CDP 500 Three Phase 460V	Stock # 1119732
CDP 500 Three Phase 575V	Stock # 1119733
CDP 1000 Three Phase 208V	Stock # 1119735
CDP 1000 Three Phase 230V	Stock # 1119736
CDP 1000 Three Phase 460V	Stock # 1119737
CDP 1000 Three Phase 575V	Stock # 1119738
CDP 2000 Three Phase 208V	Stock # 1119740
CDP 2000 Three Phase 230V	Stock # 1119741
CDP 2000 Three Phase 460V	Stock # 1119742
CDP 2000 Three Phase 575V	Stock # 1119743
CDP-TK Moisture Indicator Kit	Stock # 1119745
CDP-MK Maintenance Kit	Stock # 1119750
CDP-DMK Maintenance Kit w / Desiccant	Stock # 1119755

Contact Potter or visit www.pottersignal.com/corrosion/videos for your free copy of the Potter Corrosion Solutions product and instructional DVD

Monitoring

NFPA 13 and 25

NFPA 13, 2007, 23.1.5.2(3)
Implement an approved plan for monitoring the interior of the pipe.
Solution: Potter Corrosion Monitoring Station (PCMS-RM) along with Corrosion Monitoring Probe Kit (PCMPK)

Potter Corrosion Monitoring Station Riser Mount

Solutions

Potter Automatic Air Release
Stock # 1030001

Potter Automatic Air Release (Patented) -PAAR-B-

- Provides automatic venting of trapped air in fire sprinkler systems
- Limits oxygen corrosion when placed at the high point(s) of the systems
- Includes UL Listed vent

Potter Air Vent
Stock # 1119730

Potter Air Vent -PAV-

- Provides automatic venting of trapped air in fire sprinkler systems
- Limits oxygen corrosion when placed at the high point(s) of the systems
- UL Listed for fire sprinkler branch lines

Potter Corrosion Monitoring Station Riser Mount
Stock # 1119546

Potter Corrosion Monitoring Station Riser Mount -PCMS-RM-

- Installed on a fire sprinkler riser to monitor corrosion in the system
- Available for wet, dry or pre-action systems
- Designed to simulate conditions within the fire sprinkler system
- Easily accessed for servicing and monitoring of test specimens without interruption to fire protection
- Patent pending

Potter Corrosion Monitoring Probe Kit
Stock # 0090180

Potter Corrosion Monitoring Probe Kit -PCMPK-

- Provides notification to the fire sprinkler administrator when there may be an excessive amount of corrosion taking place in the sprinkler piping
- Can be used to indicate when it is time to remove coupons from the monitoring station for analysis
- Patent pending

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