

INSTRUCTIONS

NFPA 25 states that if tubercules or slime are found during the assessment of internal piping condition, samples shall be tested for indications of microbial influenced corrosion (MIC). NFPA 13 states water supplies and environmental conditions shall be evaluated for the existence of microbes and conditions that contribute to MIC or unusual corrosive properties.

NOTE: Corrosion kits have an expiration date. Do not use expired kits. Verify the expiration date with the sticker on the outside of the kit and request new kits as needed.

- 1 **PREFERRED METHOD:** Complete the sample submission form online at dyneusa.com . If submitting online, only the kit number needs to be filled out on the other side of this form. The kit number can be found on the outside of all Dyne Sample Kits. If you aren't using a Dyne Sample Kit, a kit number will be generated for you online - this kit number should be written on the box containing the samples and on this form.
ALTERNATE METHOD: Complete all the information on the other side of this form and include it with your samples.
- 2 **NOTE: Both the syringe filter sample (or solid sample) and filled sample bottle are needed for one (1) corrosion test.**
For liquid samples, fill the provided syringe with representative sample and push the liquid through the luer lock filter (the liquid pushed through can be disposed of). Note the volume pushed through the syringe on the other side of this form. We will assume 60mL if not provided. Add the nuclease free water to the preservation buffer tube along with the filter from the previous step. **For solid samples,** add one scoop to the preservation buffer tube after adding the nuclease free water. For either sample type, place the preservation buffer tube into the whirl-pak bag provided. **Fill the sample bottle** completely full with representative liquid sample (required) and cap immediately for the most accurate dissolved oxygen result. To prevent leakage, ensure the lid is tight and tape (electrical tape recommended, not included) the lid to the bottle. Using a marker, label each bottle with a number that corresponds to the sample submission form.
- 3 Pack the bottle back into its bag and then back into the kit. Pack the preservation buffer tube (containing either the filter or one scoop of solid material/slime) into the whirl-pak bag and into the kit. Use the provided absorbent pad as packing material to prevent the sample bottle from moving during shipment. Place the sample submission form in the box. Tape (shipping tape recommended, not included) the box shut. Write your return address on the outside of the kit.
- 4 Ship the samples to the laboratory: *Dyne Fire Protection Labs, 2357 Ventura Dr Suite 108, Woodbury MN 55125.*

Dyne's Corrosion Sample Kits (single or in bulk) can be shipped to the lab using the included USPS (printed on the box) or UPS (in the box) labels within the contiguous United States. Shipping is not included when shipping from outside the contiguous US - if you use a Dyne provided return label in these cases, the shipping cost + administrative time will be invoiced back to you.
NOTE: The shipping provided by Dyne does NOT include insurance. Dyne is not responsible for any lost packages or samples damaged in transit. You are responsible for recording tracking numbers.
- 5 A detailed report will be emailed to you within the turnaround time selected (if not selected, we will assume standard turnaround is sufficient). Get results within 5-business days with standard service, or 1-business day with rush service (surcharge applies, call ahead for availability). Note: The turnaround clock starts when the lab receives the samples. The report can also be viewed online at dyneusa.com once available.
- 6 The invoice will be sent after the report. Emailed invoices include a payment link. Credit Card and ACH accepted via this link. Please do not include payment with your samples. Contact Dyne for pricing details (dyne.lab@nfpaglobal.com, 800-632-2304).



FIRE PROTECTION LABS
Dyne™

CORROSION & MIC SAMPLE SUBMISSION FORM

Kit Number: _____

Stop here if the sample submission form was completed online.

JOB INFORMATION

Sampled by: _____ Cell: _____ Email: _____

Job Name: _____

Building Address: _____

Total # of Samples to be Tested in this Job: _____ Box _____ of _____
e.g. 1 of 1

Date the system was last drained (if known): _____

SPECIFICATION

NFPA 25 (existing systems)

NFPA 13 (new systems)

Type of pipes in the system (if known): _____

SAMPLE INFORMATION

Sample # 1	System Size	Preserved Sample Type	(Filter Samples Only) Volume Pushed Through Syringe	Sample Point	Current Corrosion Management
<i>Both the preserved sample tube and filled bottle are needed for 1 sample test</i>		Filter Solid (slime, tubercules, etc.)		Main Drain System/Supply Water Other	Biocide Nitrogen None Other
Name: _____	_____ Gallons		_____ mL	If other: _____	If other: _____

SEND RESULTS TO

Turnaround Time: Standard Rush

Name: _____

Company: _____

Address: _____

City/State/Zip: _____

Phone: _____

Email: _____

SEND BILL TO

Same as Shipping

Name: _____

Company: _____

Address: _____

City/State/Zip: _____

Phone: _____

Email: _____

METHOD OF PAYMENT

Purchase Order: _____

Email Invoice To: _____

Will pay via credit card link on invoice



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