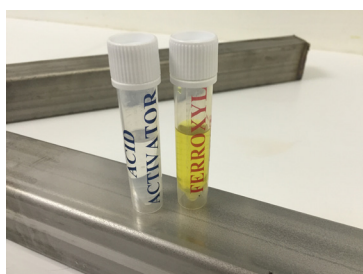


# FERROXYL TEST KIT

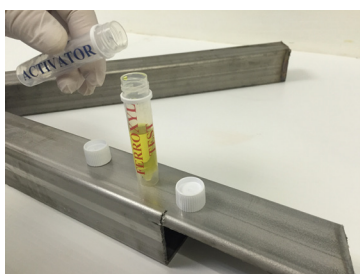
## PASSIVATION TEST FOR LOCATING IRON RESIDUES ON STAINLESS STEEL (Serie 300)

New kit for the Ferroxyl Test for Free Iron, outlined in ASTM A 380-99, section 7.3.4. It consists of 3 lots of two solutions, A (Acide Activator) & B (Ferroxyl) which contain nitric acid and potassium ferricyanide. The solutions are combined before use as the mixture has an active shelf-life of approximately 24 hours.

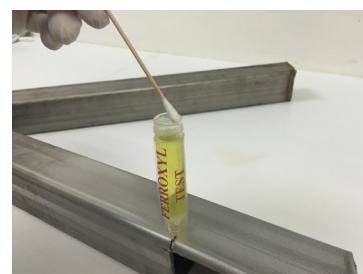
### PREPARATION AND APPLICATION



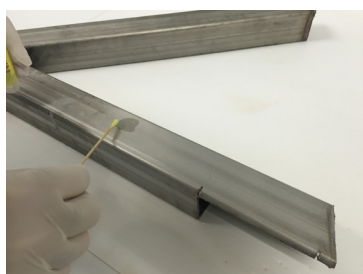
3 kit of two solution of 5 ml each



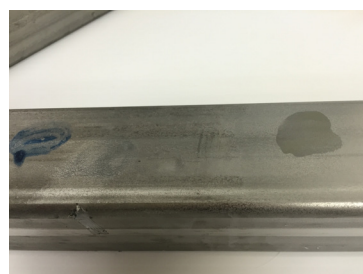
Add solution A (acide activateur) to solution B (Ferroxyl)



Soak a cotton swab with the mixed solution



Apply onto the surface to be checked.



After a reaction time of 30 - 60 seconds, a deep blue spot will appear if ferrite contaminations are present on the surface



Blue spot contamination

Clean surface decontaminated beforehand with stainless steel Clean gel

PS: Free iron oxides can easily be removed by using KPNOX11 Gel (Passivation gel from Kemplus, Inc).

### Cautions

- The potassium ferricyanide can emit lethal fumes if they are exposed to concentrated acids, or heated to decomposition (See MSDS)
- The solution is best used freshly made, as it has a limited shelf-life (24h).
- Trained personnel should only be permitted to perform this test.
- Inhalation should be avoided.
- It is not recommended for use on products destined for use in food, medical or pharmaceutical unless complete removal of the cyanide solution can be guaranteed.
- The tested surface has to be cleaned immediately after with de-ionised water.
- Residues of pickling products will also show a blue colour.

### Neutralization & disposal

Contaminated residues, water waste must be neutralized to correct its pH-value (6-8) with neutralizing agent such as sodium bicarbonate. Dispose of in accordance with all local, state and federal regulations at an approved waste disposal facility

USER SAFETY: For your safety protective clothing must be worn; Rubber boots, Protective gloves, Rubber apron, Goggles.

### ORDERING INFORMATION

Part #	Description
511	3 kit of 10 ml

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(Français au verso)