

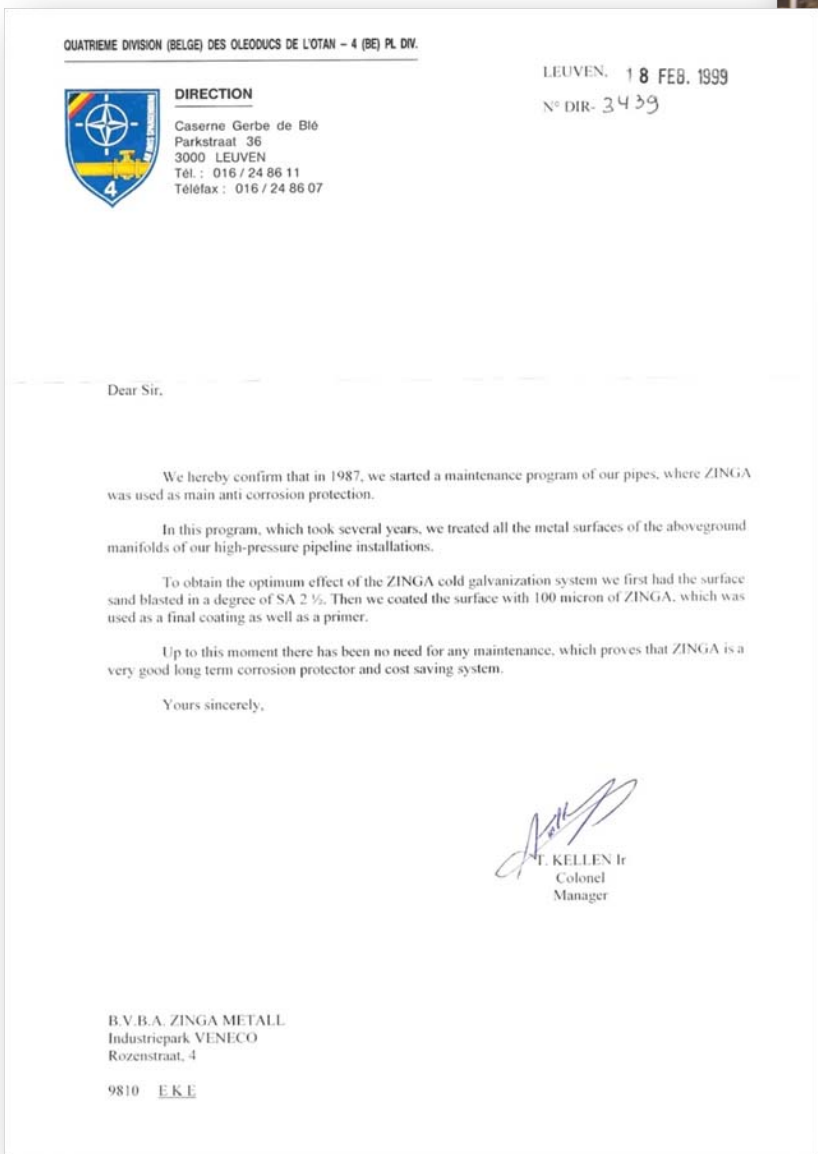


# NATO – NATO PUMP STATIONS - BELGIUM

In 1986 the NATO Pipeline Division started a maintenance program for their numerous pipeline installations in Belgium. ZINGA was used as the main anti-corrosion protection.

In 1989 Zingametall received a NATO Manufacturer's Card. This document was issued by the NATO, General Staff, Army Bureau for Codification, situated in Brussels.

On 18/02/99 Zingametall received a testimonial letter from the NATO Pipeline Division concerning their experience with ZINGA for more than 10 years and expressing their complete satisfaction.



**System:**  
ZINGA      2 x 60 µm



In May 2003, 17 years after the application, the piping was officially inspected by SGS Axa-Med.

It was still in a very good condition and showed no sign of corrosion.



# SGS

# REPORT

Mr. Guy WILLEMOT  
ZINGAMETALL BVBA  
Industriepark Veneco  
Rozenstrat 4  
9810 EKE - NAZARETH  
BELGIUM

Date:  
22/05/2003

Our reference:  
1496-01-0884-2003

Your reference:  
VERBAL 09/05/03

Type of intervention	<b>INSPECTION / SURVEY</b>
Object	Piping of the NATO pump station
Location	NAZARETH
Date inspection	13/05/2003
Time inspection	15:00

### 3.2. Dry Film Thickness Measurements (according to ISO 2808)

ELCOMETER BATCH NR./OBJECT ↓	Layer	Mean DFT (µm)	% < Abs.Min	% > Min	OK/NOK
F1 NATO EKE 1	2/2	199	0	100	OK
F2 NATO EKE 2	2/2	174	0	100	OK
F3 NATO EKE 3	2/2	220	0	100	OK

Remarks: None

### 3.4. Visual Aspect (hiding, closed film, holidays, runners, curtains, etc.)

The film is closed and has a light grey look.  
No corrosion was seen on the piping. Only small rust breakthrough was stated on secondary equipment delivered with another primer and over coated with Zinga in order to have a uniform colour.  
Further, no film deterioration was found.