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UNIVERSIDAD  
POLITECNICA  
DE VALENCIA

INSTITUTO TECNOLOGÍA QUÍMICA

TO WHOM IT MAY CONCERN

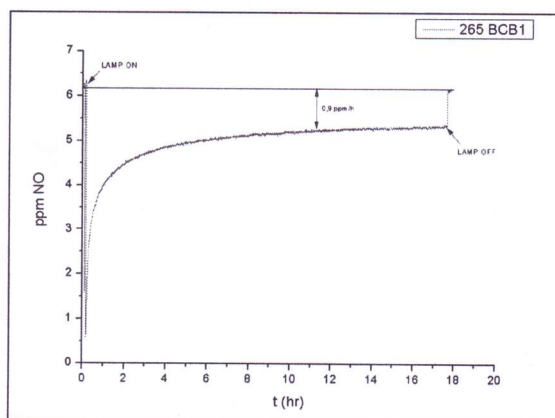
Hermenegildo Garcia Gómez, Spanish ID 20.402.567-A, Full Professor at the Technical University of Valencia and at the University Institute of Chemical Technology (from now named as ITQ), CERTIFIES THAT:

The results presented by CERACASA about the photocatalytic activity of the ceramic sample with reference number **265 SBB1** (a porcelanic piece containing the photocatalytic coating BIONICTILE) have been performed in my laboratory and under my supervisión, following an adapted versión of the ISO 22197-1: 2007 standard that is recommended to determine the photocatalytic activity of surfaces exposed to UV light.

The conditions of the measurements have been the following:

- NO concentration = 6 ppm
- Gas flow 200 mL/min
- Relative humidity : 50%
- Sample size: 50 x 100 mm
- Light intensity 480 W/m<sup>2</sup>

The following plot obtained from the corresponding chemiluminescence NO detector shows the photocatalytic response in the decrease of the NO concentration:



Based on these data and according to the above-mentioned ISO standard, these results show that the ceramic tile exhibits photocatalytic activity for the decontamination of nitrogen oxides.

Therefore and in order to prove it and upon CERACASA request, I sign the present document in

Valencia, September eight of two thousand and nine



Fdo. HERMENEGILDO GARCIA GÓMEZ