



SGS PORTUGAL  
Sociedade Geral de Superintendência, S.A.

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Lisboa, 27<sup>th</sup> June, 2001

Certificado/Certificate N.º 1201/ 10212

## INSPECTION REPORT

SGS File No: 312.5218.1110/06-2001

Client: EURONAVY – Tintas Marítimas e Industriais, S.A.  
Estrada Vale de Mulatas – Quinta de S. Francisco  
2914-516 Setúbal, Portugal

Date of Inspection: 21<sup>st</sup> and 25<sup>th</sup> of June 2001

Place of Inspection: SOLISFORM, SA  
Estaleiros Navais da Mitrena  
2910-738 Setúbal, Portugal

### SCOPE

At request of EURONAVY – Tintas Marítimas e Industriais, S.A., SGS-CIAT Portuguesa witnessed, at SOLISFORM, SA Estaleiros Navais da Mitrena, the welding of two test pieces, as described hereafter, in order to acknowledge the influence of the anticorrosive epoxy primer **EURO-basic ES301M** in mild steel welding process. The following activities were performed:

- Witnessing the epoxy primer application in the welding edges, and adjacent zones, of the test pieces;
- Witnessing the welding operation;
- Interpretation of radiographic examination.

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## PRODUCT MAIN PARTICULARS

Manufacturer: EURONAVY – Tintas Marítimas e Industriais, S.A.  
Identification: EURO-basic ES301M  
Base component: ES 301  
Dryer: 301C00  
Batch No.: 10452 dated November 2000

Product Technical Data is provided in Annex I

## TESTING CONDITIONS

Testing was performed in two test pieces, with the following dimensions:

Two test pieces with approx.: 300 x 150 x 20 mm (four off);

The thickness of the coating in both test pieces was found to be 75 micron (mean value).

Quality Certificates for base metal are provided in Annex II – Quality Certificates

Welding was carried out according to the prWPS provided in Annex III – Welding Conditions.

Quality Certificates for filler metal are provided in Annex II – Quality Certificates

## FINDINGS

The welding operation was visually inspected and deviations, from normal behaviour on non-coated edges, were not detected.

Radiographic examination on finished welds was carried out and some defects were found, as stated in the report provided in Annex IV – Radiographic Report. However, considering its type (lack of penetration), the coating had no influence on the defects found.

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## CONCLUSION

Considering the previous mentioned the product **EURO-basic ES301** has no influence in the welding process of mild steel, as tested.

## ATTACHEMENTS

- Annex I – Product Technical Data;
- Annex II – Quality Certificates;
- Annex III – Welding Conditions;
- Annex IV - Radiographic Report.



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