

DECLARATION OF CONFORMITY

This declaration relates to delivery of Copper bus bars (ETP).

1.	<u>Producer</u>	Sofia Med S.A Adress: Gara Iskar, 4 Dimitar Peshev St City/Post code: 1528 Sofia, Bulgaria Tel./Fax: +35929606209/+35929606393
2.	<u>Description of material</u>	Bus bars made out of ETP Cu (CW004A)
3.	<u>Application of material</u>	Suitable for electrical purposes
4.	<u>Documents</u>	EN 13601:2002 – Copper and copper alloys – Copper rod, bar and wire for general electrical purposes

5. Chemical composition:

Cu (copper):	Min 99.90, %
O(oxygen):	Max 0.040, %

6. Mechanical properties:

<u>R 250</u>	
Tensile strength (Rm) :	Min. 250 MPa
Hardness (HB) :	Min. 65; Max. 90
Elongation (A):	Min. 8 %
<u>R 300</u>	
Tensile strength (Rm) :	Min. 300 MPa
Hardness (HB) :	Min. 85; Max. 110
Elongation (A):	Min. 5 %

7. Physical properties:

Density:	8.9 kg/dm ³
Melting point:	1083°C
Dimension tolerances:	Acc. to EN 13601:2002
Reaction to fire:	Class A1 (Nonflammable material)
Durability of mechanical properties:	Durable under normal loads and conditions

Company Sofia Med S.A. declares with full responsibility that the products Copper ETP bus bars are in conformity with the standard EN 13601:2002 - "Copper and copper alloys – Copper rod, bar and wire for general electrical purposes".

Date: 25.10.2011

Quality Manager:

Alexandros Voreopoulos

"Sofia med"

