

In pursuance of the directive 89/686/CEE dated from December 21<sup>st</sup> 1989 concerning harmonisation of state member regulations with regard to personal protective equipment, and of the executive orders n° 92-765, 766 and 768 date from 29<sup>th</sup> July 1992 transposing this directive into French law,

**INSTITUT FRANCAIS DU TEXTILE ET DE L'HABILLEMENT**  
*Avenue Guy de Collongue*  
*69134 ECULLY CEDEX*

entitled by decree of the " Ministère du Travail, de l'Emploi et de la Formation Professionnelle " dated from 11/08/92  
identified by the number 0072 (published in OJEC)

**assigns**

## **THE EXTENSION OF EC TYPE EXAMINATION CERTIFICATE**

**0072/487/162/09/03/0107/EX01 09 03**

**Revision n° 02 of 17 07 13**

to the following model of personal Protective Equipment :

### **Protective glove against mechanical risks**

- **Reference :** **TFCB**
- **Manufacturer :** **MALLCOM (INDIA) LTD**  
12/1 Lindsay Street  
CALCUTTA 700 087  
INDIA
- **Applicant :** **MALLCOM (INDIA) LTD**  
12/1 Lindsay Street  
CALCUTTA 700 087  
INDIA
- **Distributor :** **VICSA SAFETY**  
Pintor Cicarelli 679,  
San Joaquin  
SANTIAGO - CHILE

*This Certificate comprises 3 numbered pages 1/3, 2/3, 3/3*

**- Description :**

The glove forming the subject of the present Certificate consists as follows :

. It is a five fingers protective glove against mechanical risks. The liner is a 100 % cotton interlock undyed brushed fabric, knitted in gauge 26, weight 270 g/m<sup>2</sup>, supplier Mallcom - India. The palm, the fingers and the back are covered by a 100 % Nitrile coating of blue colour, supplier Bayer Silicones GmbH - Germany. The glove has a woven cuff in 100 % cotton of about 6 cm length.

. It is not tight to liquid and does not protect against chemical products and micro-organisms.

. The manufacturer says the glove does not contain any substance which can produce allergy to sensitive persons.

. It is produced in 5 sizes (from 7 to 11).

. It must be stored in its original packaging in dry and fresh area protected against light.

. No washing.

- **Performance levels obtained** are as follows :

**Test reports SGS N° 3420078938 from 21/12/2012 and 4420010195 from 20/02/2013**  
**Test report IFTH N° 12-01595 from 22/05/2012**

- According to EN 420+A1:2009

|                          |   |  |
|--------------------------|---|--|
| General requirements :   | Innocuousness<br>(pH, formaldehyde content) | <b>conform</b>                               |
| Comfort and efficiency : | Sizes<br>Dexterity                          | <b>7 – 8 – 9 – 10 – 11</b><br><b>Level 5</b> |

- According to EN 388:2003

|                     |                |
|---------------------|----------------|
| Abrasion resistance | <b>Level 4</b> |
| Cut resistance      | <b>Level 2</b> |
| Tear resistance     | <b>Level 2</b> |
| Puncture resistance | <b>Level 1</b> |

- **EC Marking** appears either by printing on the back of the glove or on a label sewn inside the glove and is as follows:



- The compliance with the essential requirements as listed in Appendix II of the directive 89/686, subsection 1.1 – 1.2 – 1.3 – 1.4 – 2.2 – 3.3 was controlled by using the following harmonised standards :

- . EN 420+A1:2009 for general requirements for gloves
- . EN 388:2003 for gloves protection against mechanical risks

The model which forms the subject of this extension differs from the reference TPKB through the following points :

- The back of the glove is entirely coated
- The glove has a woven 100 % cotton cuff instead of a knitted 100 % cotton wrist.

This modification does not question the compliance to essential requirements which were taken into account for the EC Type Examination Certificate granted to the reference model.

**Subjects of the revision :** Test reports and standard EN420+A1 are updated and a distribution channel is added (VICSA SAFETY - CHILE).

Ecully, July 17<sup>th</sup> 2013

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**Head of operations**



**Bruno CHEVET**

**N.B. :** Any modification brought to a brandnew material which is the purpose of the present EC Type Examination Certificate should be brought to the knowledge of the entitled organisation in pursuance of the section R 4313-38 of the Labour and Social Welfare laws as well as any modification of information contained in the technical document whereupon the extension of the EC Type Examination Certificate was granted (change of location, change in manufacturer's name, excerpt of quality assurance certificate...)