## **Bennett Safetywear Limited**

7-11 MERSEY ROAD, CROSBY, LIVERPOOL, L23 3AF, UK.

#### **TECHNICAL DIGEST No 1060**

Information for customer:

### **GLADDING GARMENTS**

STOCKCODE	STYLE	DESCRIPTION	Size	
4410210011	GTH/11	GLADDING TRILBY HAT		
4413010080	GJ35/WSP	GLADDING JACKET	82-86 cm	S
4413010090	GJ35/WSP	GLADDING JACKET	92-96 cm	M
4413010100	GJ35/WSP	GLADDING JACKET	102-112 cm	L
4413010110	GJ35/WSP	GLADDING JACKET	116-122 cm	XL
4414010080	GT10/WSH	GLADDING TROUSERS	72-76 cm	S
4414010090	GT10/WSH	GLADDING TROUSERS	82-86 cm	M
4414010100	GT10/WSH	GLADDING TROUSERS	92-102 cm	L
4414010110	GT10/WSH	GLADDING TROUSERS	106-112 cm	XL

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It is up to the user to ensure that the correct size of garments has been selected. Fiber composition 100% WOOL (with cotton parts)

The jackets are normally worn as a loose fit and have a generous cut.

The jackets and trousers are designed to be worn as one ensemble.

The end user should ensure there is sufficient overlap between jacket and trousers before use.

Users should use appropriately C € certified gloves to EN:407 or EN 12477 to protect the hands, heat resistant head wear should comply with EN 531 or EN 11612, which should not interfere with the clothing. Contact Bennett Safetywear Ltd for details.

Note the users should ensure that the appropriate headwear does not allow hot material to be trapped between the collar of the jacket and the headwear should also comply with EN ISO 11612, or EN ISO 11611

Protective footwear to FN ISO 20344, and or FN ISO 20345 & FN ISO 20346 should also be worn

Clothing is designed to provide protection against hot ambient temperatures, whilst maintaining or repairing furnace and the associated thermal hazards.(Flame, Contact, Convective and radiant heat)

Clothing for protection against intense heat should preferably be put on immediately before it is required and removed or opened immediately after use in order to reduce heat stress.

Consideration should be given to the weight and fit of the clothing as these factors influence the level of protection and the stress on the wearer. Do not expose CLOTHING with a burning behaviour less than level 4 to open flame.

Clothing for protection against heat and flame is normally made up of a clothing assembly consisting of several layers of material. The level and type of protection can be increased by adding additional layers. The level of heat protection obtained from a clothing assembly is partly

obtained from the insulating effect of the air trapped between the different layers. The protection is reduced in areas where the clothing is in close contact with the skin or is compressed by additional equipment. Protection is also reduced if the clothing shrinks and the air layers are diminished. These jackets and trousers would form the outer layer of the assembly.

Care should be taken in choosing materials used in clothing assemblies so that they do not increase the hazard to the wearer. For example, it would not be permitted to use:

a) fusible materials (such as certain synthetic textiles and other thermoplastic materials) which may melt under the effect of heat, causing severe skin burns il worn next to the skin. Ideally they should comply with a class 1 garment according to EN 11611:2007

Store in original packaging. Store away from direct sunlight to maintain the optimum properties. The levels of protection shown are for the lacket and trousers when worn together.

In the event of a molten splash the user shall leave the work place immediately and take off the garment. In the event of a molten splash if worn next to the skin these garments will not eliminate all risks of burns.

In the event of an accidental chemical splash or flammable liquid the wearer should immediately withdraw and carefully remove garments, ensuring that the chemical or liquid does not come in to contact with any part of the skin.

The limited flame spread properties will be reduced if the protective clothing is contaminated with flammable materials. The insulating effect of the protective clothing may be reduced by wetness, humidity or sweat. Increases in local oxygen content in confined spaces may lead to increased flammability of material and therefore should be avoided. Dirty clothing may lead to a reduction in protection.

Store in original packaging. Store away from direct sunlight to maintain the optimum properties.

The EU type examination was carried out by Mirta KONTROL d.o.o. Gradiška 3 10040 Zagreb Dubrava Hrvatska (Croatia). Their test house number is 2474

#### Complex Safety category

This clothing is designed to protect the body in the working environment in accordance with EN ISO 11612: 2015; EN ISO 13688:2013. When selecting clothing based on risk analysis it should be understood that the protection is limited to the risk level and standards mentioned above None of the materials or processes used in the manufacture of these products is known to be harmful

Garments should be inspected for damage before and after use and cleaning. Damaged clothing should not be worn and should be discarded. Don jacket and trousers as normal ensuring appropriate head, hand, footwear and under garments are selected for use when wearing these outer clothes. These garments are designed to provide protection against heat in extreme environments. Care should be taken to prevent prolonged exposure to heat and minimise the risk of heat stress to the user.

This series satisfies the basic requirements of the Regulations (EU) 2016/425, being innocuous/free from nuisance factors, ergonomic and breathable. Conditions of use are not simulated by the test results and as such service life cannot be specified. Results should be used for guidance in initial selection

PACKING AND STORAGE: The garments shall be packed individually in polymeric bags and will be labelled with the appropriate marking with regards to amount, type, size, manufacturer, performance level and CE mark. This are then placed in cardboard cartons. This is suitable for transportation and storage. Store clothing in cool dry place and out of direct sunlight. Ideally stored between 5 and 25C in a dry well ventilated area in original packaging.

#### OBSOLESCENCE

Stored correctly, the clothing' physical properties will not change for up to five years. Each garment will contain labels containing similar details.

Care instructions: Garments should be dry-cleaned and dry flat (washing, bleaching, drying in the machine and ironing are not allowed).

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Jacket and trousers shall be worn together. Hat shall be always worn together with additional PPE (jacket and trousers) with same protection levels.

#### GENERAL

The quality systems used to manufacture and supply the clothing is in compliance with ISO 9001:2015.

DECLARATION Bennett Safetywear Ltd declares that the new PPE as described in the TD 1060 technical specification for Gladding Clothing is in conformity with provisions of Council Regulations (EU) 2016/425 and with the national standard transposing harmonised standard No: BS EN ISO 13688:2013, BS EN ISO 11612:2015, and identical to the PPE which is the subject of the EU

certificate. No: OZO296-CPT006/19, issued by: Mirta KONTROL d.o.o. Gradiška 3, 10040 Zagreb, Dubrava "Hrvatska (Croatia) Their notified body number is 2474, and is subject to the quality procedures under the supervision of the notified body SGS Fimko Oy, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finland. Their notified body number is 0598. Done at: Bennett Safetywear Ltd. 7-11 MERSEY ROAD, CROSBY, LIVERPOOL, UK

Signature:



Mr E. Baker .Quality Manager

EN ISO 11612: 2015 Heat resistance at 180°C (fabric) Pass Level of protection) Heat resistance at 180°C (hardware) Pass Α1 Code letter A1 (face ignition) (fabric) Α1 Code letter A1 (face ignition) (seams) A2 Code letter A2 (edge ignition) (fabric) A2 Code letter A2 (edge ignition) (seams) EN ISO 11612: Dimensional change Pass Burst strength Pass Seam strength Pass 20 B2 Convective heat (Code letter B) (B1 = lowest, B3 = highest) Radiant heat (Code letter C) C2 (C1 = lowest, C4 = highest) Molten aluminium splash (Code letter D) Χ Molten iron splash (Code letter E)\*\* F3 Contact heat (Code letter F) (F1 = lowest, F3 = highest) EN13688:2013 Innocuousness (pH value)

Further copies of this document and information on other products are available from:

Bennett Safetywear Limited 2 + 44 151 924 3996.

Web: http://www.bennettsafetywear.co.uk

Further information is available at the below address:

## Bennett Safetywear Ltd

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# Declarations of conformity are available on request from :

Web: http://bennettsafetywear.co.uk

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