



To Whom it May Concern.

8th April 2024

Ref.: Object: Use of Personal Protective Equipment in designated ATEX areas.

Many End-users and Distribution partners of JSP Safety have requested guidance on the use of Personal Protective Equipment in designated ATEX areas.

Although the current PPE Regulation 2016/425 requires the products to be designed to “avoid any electric or electrostatic discharge”, the text brings little information on the applicable and relevant testing protocols that could verify said properties.

In the meantime, the ‘ATEX’ directive 2014/34/UE specifically excludes from its scope Personal Protective Equipment. Consequently PPE cannot be the object of an EC Type Certificate to the ATEX directive.

As an Above the Neck PPE Manufacturer and specialist, JSP Safety received numerous enquiries for so called “ATEX certified” Industrial safety helmets, or alternatively for “helmets certified to EN13463-1:2009”. It seems necessary to remind all stakeholders:

- 1) EN13463-1 :2009 was withdrawn on 31-10-2019. Whilst products previously tested to this standard may still retain their properties, the standard itself cannot be used anymore to claim any specific conformity.
- 2) The replacing standard is EN ISO 80079-36 – where ISO (International Organisation for Standardisation) denotes a globally recognized standard.

To evaluate their performance for static charge accumulation, JSP Safety has taken a selection of its PPE products to testing according to EN 80079-36 as well as EN60079-32-2. These tests were performed at the GIG-PIB Central Mining Institute of Katowice in Poland, whose expertise is well recognized and sought for, notably by the mining and Oil & Gas sectors. The GIG-PIB Institute is an accredited Notified Body for the ATEX Directive.

With EN 80079-36 referring to the various classifications of ATEX designated areas 0,1,2,20,21,22, as EN13463-1- :2009 used to, JSP Safety is pleased to confirm that the tested products can therefore be used in these areas without any concern for static charge accumulation. The table over the page lists the products tested, referencing the main material and test report reference. Copies of the test reports are available upon request.

MANUFACTURING FOR SAFETY

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Product Range	Material	Test Report number
Industrial Safety Helmet EVO®2	HDPE, LDPE	BR-1/268/2018
Industrial Safety Helmets EVO®3	HDPE, LDPE	BR-1/211/2018
Industrial Safety Helmets MK®7	HDPE, LDPE	BR-1/270/2018,
Industrial Safety Helmets EVO®LITE	ABS, LDPE	BR-1/209/2018
Industrial Safety Helmets EVO®VISTA®	ABS, LDPE	BR-1/269/2018
Industrial Safety Helmets EVO®5, EVO®5 Dual Switch, EVO®5 E-XTRA	ABS, EPP, LDPE	BR-1/210/2018
Industrial Safety bump caps Hardcap A1+™	HDPE + fabric	BR-1/28/2019
Industrial Safety bump caps Hardcap Aerolite®	HDPE + fabric	BR-1/28/2019
Helmet mounted Ear Defenders SONIS® & INTER	ABS, Acetal, foam	BR-1/268/2018, BR-1/146/2019
Surefit visor and visor carriers for JSP Safety helmets	PC, Acetate	BR-1/268/2018
Chinstraps for JSP Safety helmets and bump caps	Nylon, Polyester	BR-1/268/2018
Range of retro-reflective stickers for JSP Safety helmets	Vinyl, PSA	BR-1/268/2018
Integrated EVOSpec® safety eyewear - clear/smoke	PC, Nylon	BR-1/268/2018
Range of thermal liners for JSP Safety Head protection	Polyester, cotton	BR-1/209/2018
Stealth™ 9200 goggle	PC, Polyester	BR-1/84/2019
Stealth™ Hybrid goggle	PC, Polyester	BR-1/85/2019
EVO® goggle range and related accessories	PC, Acetate, Nylon	BR-1/83/2019
Crackerjack Safety Spectacles Clear lens	PC	BR-1/144/2019
Profile Goggle, clear lens	PC, PVC, polyester	BR-1/145/2019
Middes Safety spectacle	PC	BR-1/1246/2021

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Force™8 Typhoon Half mask all sizes	TPR, ABS, Polyester	BR-1/42/2019, BR-1/1241/2021
Range of P2 Classic, P3 Press to Check™ et A2 Classic filters for Force™8 / 10 Typhoon Half mask/ Full Face Mask	ABS, filtering media, carbon	BR-1/42/2019, BR-1/147/2019
Range of Press to Check A2P3, ABEK1P3 and P3 Compact filters for Force™8 / 10 Typhoon Half mask/ Full Face Mask	ABS, filtering media, carbon	BR-1/1247/2021, BR-1/1249/2021, BR-1/1242/2021
Force™ P3 Compact flat filters	ABS, Filtering media	BR-1/1244/2021
Force™ 10 Typhoon Full Face mask all sizes	TPE, ABS, PC	BR-1/1243/2021
M632 Disposable Dust mask Respirator, FFP3 Valve	Polypropylene, LDPE	BR-1/94/2023
EVOGUARD Range of M1/M2/M3 Forestry visors	ABS, Woven Nylon, Woven Stainless Steel, Etched Stainless Steel, Acetal, Nylon	BR-1/1251/2021
EVOGUARD Range of C1/C2/C3/C4/C5 Clear industrial visors	PC, Copolyester, Acetal, Nylon	BR-1/1245/2021
EVOGUARD M2 and M3 Forestry Browguard system (consisting of Evoguard Browguard, M2/M3 visor, Sonis Compact ear defenders)	ABS, Woven Nylon, Woven Stainless Steel, Etched Stainless Steel, Acetal, Nylon	BR-1/1252/2021

(Updated 05/04/2024)

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JSP Safety, based on the above-mentioned tests, hereby confirms the products' suitability for use in ATEX 0,1,2,20,21,22 designated areas, with for methane explosion risk the qualifications a, b and c, and for coal dusts explosion risk the qualifications A and B.

The above-mentioned test results and documents are only valid for the mentioned JSP Safety products and approved combinations.

JSP Safety does not endorse other combinations or use with products from other manufacturers.

The JSP Safety teams remain available should you need any further information, and you can also contact technical.service@jsp.co.uk

Yours sincerely,

Matthew Judson



Director – Respiratory & Technical Support

For the JSP Safety Group of companies

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