



EC-type examination certificate

Registration number / Reference mark C4230 3M/R1
This certificate replaces certificate C4230 3M/R0.

The company

3M Svenska AB
Ernst Hedlunds väg 35
78041 GAGNEF
SWEDEN

Applicant's code 3M

hereby receives the confirmation that the product/s

Multi Purpose Helmet

of the type

Speedglas 9100FX and 9100FX Air

conforms to

DIN EN 166:2002-04

DIN EN 175:1997-08

**Essential Requirements according to
Annex II of Directive 89/686/EEC (Edition: 1989-12)**

Test report(s): 11641-PZA-10, 11651-PZA-10, 11652-PZA-10, 10123-PZA-12,
10124-PZA-12

Identification: Information see annex

This EC-type examination certificate is valid until 2017-02-07.

See annex for further information.

DIN CERTCO GmbH
Prüfzentrum Augenschutz
Tillystraße 2, 90431 Nürnberg



2012-02-08
Dipl.-Ing. (FH) Ute Fallscheer
Notified Body 0196

U. Fallscheer

Annex

to the Certificate with Registration No. C4230 3M/R1, dated 2012-02-08

Herewith, DIN CERTCO PZA certifies that the model is in compliance with the basic requirements of the Directive 89/686/EEG for personal protective equipment. The certificate is based both / either on the tests and / or on the technical documentation submitted by the manufacturer.

Test report(s)

11641-PZA-10, 11651-PZA-10, 11652-PZA-10, 10123-PZA-12,
10124-PZA-12

Name and address of DIN CERTCO as the notified body - identification no. 0196 are to be indicated in the information brochure for the product.

This eye-protection is to be marked on the oculars and/or the frames. The marking must include:

Multi Purpose Helmet Speedglas 9100FX and 9100FX Air:
DIN EN 166:2002-04, marking 3M 166 B CE
9100FX: DIN EN 175:1997-08, marking 3M EN 175 B CE - 538 g (weight)
9100FX Air: DIN EN 175:1997-08, marking 3M EN 175 B CE - 756 g (weight)

Outside protection plate for helmet:
Standard, DIN EN 166:2002-04, marking 3M 1 BT CE
ANTI FOG, DIN EN 166:2002-04, marking 3M 1 BT N CE

Outside protection plate for Flip-up:
Speedglas 9100 standard, heat, scratch
Registration-No. of EC-Type Examination Certificate: C3888 3M

Inner protection plate:
Inner protection plates Speedglas
Registration-No. of EC-Type Examination Certificate: C3472 3M

Automatic darkening welding filters for 9100FX and 9100FX Air:
Speedglas 9100V, Speedglas 9100X, Speedglas 9100XX
Registration-No. of EC-Type Examination Certificate: C3891 3M/R1

Additional product specification

Configuration	mechanical strength B: resistance to high speed particles (120 m/s) mechanical strength BT: resistance to high speed particles (120 m/s) at extremes of temperatures 1: Optical class N: resistance against fogging
---------------	--