

Occupational Safety Research Institute, v.v.i.

Jeruzalémská 9, 116 52 Praha 1, Czech Republic

Authorized Body 235

Notified Body 1024



EC TYPE EXAMINATION CERTIFICATE No. 235/E-025/2010

This EC Type Examination Certificate is issued to:

Manufacturer: Optrel AG, Industriestrasse 2, CH-9630 Watwil, Schweiz

identification number: 756

PPE product: Powered filtering device TH2

Type: Welding helmets Optrel e640, Optrel e650, Optrel e670
and Optrel e680 combined with blower Optrel e1100 TH2

It is certified that the manufacturer's technical file and above mentioned PPE product have been assessed and found to be in accordance with the basic health and safety requirements of Government Order 21/2003 Coll., which implements Council Directive No. 89/686/EEC "Personal Protective Equipment" as amended by Council Directives 93/68/EEC, 93/95/EEC and 96/58/EEC, as recorded in Report No.235/ZZ-022/2010, which is an integral part of this Certificate.

When examined the model was found to meet all of the relevant requirements of the appropriate harmonized standard(s):

EN 12941:1998 Respiratory protective devices. Power assisted filtering devices incorporating a
/A2:2008 helmet or a hood. Requirements, testing, marking (id.ČSN EN 12941:1999/A2:2009)

Marking and instructions have been assessed in the Czech language only.

Certificate is valid until 17.8.2015

For and on behalf of Occupational Safety Research Institute
- Authorized Body 235, Notified Body No. 1024

Date of Issue: 17.8.2010



Ing. Karel Škréta

Description and picture of the PPE product:



Optrel e640



Optrel e670



Optrel e650



Welding helmet Optrel e680 and blower Optrel e1100

Welding helmets Optrel e640, Optrel e650, Optrel e670 and Optrel e680 are compatible with blower Optrel e1100 TH2 equipped with filter against particles; the set provides protection against harmful aerosols in accordance with the information supplied by the manufacturer.



Graphical appearance of CE mark. In the event of the involvement of a notified body in the stage of manufacturing check its distinguishing number shall be added to CE mark.