

EU Declaration of Conformity

This is to declare that the products listed below are manufactured in conformity with the following EU Directives under the sole authority of Expo Technologies Ltd:

Pre-Start Ventilation Systems (PV Systems)

A range of systems intended to provide pre-start ventilation of electric motors separately approved by others for installation and use in potentially explosive areas. Product coding follows format *PV/(various suffixes).

Electromagnetic Compatibility Directive 2014/30/EU

Pre-Start Ventilation Systems with suffix /PA or suffix /IS incorporate one or more volt-free contact closures ('dry contacts') which work in electrical circuits specified by others. In normal operation, these circuits are benign, and no CE marking is appropriate. Pre-Start Ventilation Systems with suffix /PO are non-electrical in nature and are not within the scope of this Directive. Pre-Start Ventilation Systems with suffix /ET or suffix /ES incorporate an Electronic Timer which itself conforms to the requirements of the EMC Directive via compliance with EN 61000-6-2:2005 and 6100-6-4: 2007, Intertek Report EM100048000

Low Voltage Directive 2014/35/EU

Pre-Start Ventilation Systems are intended to be used in potentially explosive areas (hazardous areas) and are therefore excluded from the Low Voltage Directive.

Pressure Equipment Directive 2014/68/EU

Pre-Start Ventilation Systems are classified as not higher than Category I under article 13 of this Directive and also intended for use in potentially explosive atmospheres and are therefore excluded from this Directive.

ATEX Directive 2014/34/EU

Pre-Start Ventilation Systems are designed to conform to the above Directive in fulfilment of the Essential Health & Safety requirements of Annexe II and in compliance with:

EN IEC 60079-0:2018

EN IEC 60079-7:2015+A1:2018

EN 60079-1:2014

EN 60079-11:2012

_____ (Only for /ET, /ES & /RS1# options)

EN 60079-18:2015+A1:2017 _____ (Only for /RS0# options or when RSK/24V/D is used)

Pre-Start Ventilation Systems are certified by ExVeritas ApS (EU Notified Body 2804) under EC Type-Examination Certificate ExVeritas 20ATEX0717X, in compliance with:

EN IEC 60079-0:2018

EN IEC 60079-7:2015 +A1:2018

Pre-Start Ventilation Systems are manufactured under Production Quality Assurance Notification number SIRA 99ATEXM043, issued by CSA Group (Netherlands) BV (EU Notified Body No. 2813).

Technical documentation and assessments are in the Expo Technologies technical file SC024 PV Systems.

For and on behalf of Expo Technologies Ltd



John Paul De Beer
Managing Director

Date 25th November 2021