

## TEST CERTIFICATE

**CLIENT:** TÜV SÜD Product Service  
 Octagon House  
 Concorde Way  
 Fareham  
 Hampshire  
 PO15 5RL

**CERTIFICATE NUMBER** 16619/01 Issue 02

**CUSTOMER ORDER NUMBER** 2600004502

**TUV Reference:** 75940187

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**DATE OF RECEIPT**

4 September 2017

**EQUIPMENT SUPPLIER**

Daniamant Limited Unit 3. The Admiral Park, Airport Service Road,  
 Portsmouth, Hampshire, United Kingdom, PO3 5RQ

**TEST ITEM(S)**

Description	Serial N°	Model N°	PTL ID
Distress Flare	Sample N° 3	ODEO (Omni Directional Electrical Optical)	13084

**TEST SPECIFICATION / ISSUE**

BS EN 60529:1992 +A2:2013 IP6X Category 1

**DATES OF TEST**

6 September 2017

**TEST(S) APPLIED**

Protection Against Solid Foreign Objects, Dust-Tight

The unit was initially examined for apertures and openings allowing penetration of a 1mm diameter probe applied with a force of 1N.

Prior to testing a 19.9 mbar vacuum was applied to the unit, the air flow was below measureable therefore a test period of 8 hours was required. The test conditions were as follows:

Dust Grade: BS EN 60529 Talc Test Dust

Concentration: 2 kg/m<sup>3</sup>

Duration: 8 hrs

Temperature/Humidity: 21.0 °C / 43% rh

**RESULT(S) OF TEST**

IP6X

There were no apertures or openings on any of the samples permitting entry with a 1mm diameter probe when applying a force of 1N.

On completion of the dust test excess dust was removed by light brushing, no conspicuous damage was noticed on the exterior of the unit.

The unit was opened for inspection and there was no visible dust ingress.

**COMPLIANCE**

The ODEO Distress Flare conformed to the standard required of BS EN 60529 IP6X Cat1

Approved by   
 Greg Spicer, MEng  
 Managing Director

Date: 20 September 2017