

CERTIFICATE

(1) EU-Type Examination

(2) Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU

(3) EU-Type Examination Certificate Number: **DEKRA 14ATEX0061** Issue Number: **2**

(4) Product: **Transceiver Type IC-F32**DEX and IC-F42**DEX**

(5) Manufacturer: **Icom Inc.**

(6) Address: **1-1-32 Kamiminami, Hirano-ku Osaka-shi, Osaka, Japan**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., Notified Body number 0344 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential test report number NL/DEK/ExTR14.0025/01.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0 : 2012 + A11 : 2013

EN 60079-11 : 2012

except in respect of those requirements listed at item 18 of the Schedule.

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:



I M2	Ex ib I Mb
II 2G	Ex ib IIC T4 Gb
II 2D	Ex ib IIC T110 °C Db

Date of certification: 6 December 2017

DEKRA Certification B.V.

R. Schuller
Certification Manager

(13) **SCHEDULE**(14) **to EU-Type Examination Certificate DEKRA 14ATEX0061**

Issue No. 2

(15) **Description**

The portable VHF or UHF FM Transceiver type IC-F32**DEX-** (VHF) or IC-F42**DEX-** (UHF) with rechargeable Li-ion Battery Pack type BP-277EX serves for communication in potentially explosive atmospheres. The Transceivers are only to be used in combination with the designated accessories such as battery charger, antenna's, Speaker-Microphone, belt clip and leather case.

Ambient temperature range for use -20 °C to +55 °C.

Ambient temperature range during charging +5 °C to +40 °C.

Electrical data

Supply: rechargeable Li-ion Battery Pack type BP-277EX

The rechargeable Li-ion Battery Pack type BP-277EX may only be charged outside the hazardous area with battery charger BC-212EX supplied by the manufacturer.

Speaker / microphone circuit (Side Connector):

Only for connection of speaker microphone HM-203EX or the jack cover should be placed.

VHF or UHF output power: 2.0 W max.

Installation instructions

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

No. NL/DEK/ExTR14.0025/01.

(17) **Specific conditions of use**

None.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR14.0025/01.

(20) **Certificate history**

Issue 1 -	420040000	initial certificate
Issue 2 -	420111800	change of electronics