

CERTIFICATE OF TYPE APPROVAL FOR TELECOM EQUIPMENT

Approval Ref:CRA/SA/2015/R-4491.....Date of issue:21/01/2015.....

1. Company/ Establishment: ...BAM FOR COMMERCIAL & CONSULTING SERVICES...
2. Address: ...P. O. Box ...461314..... Tel: ...+962797003572... Fax:
3. Equipment description:...TRANSMITTER FOR A TIRE PRESSURE MONITORING SYSTEM...
4. Manufacturer: ...SCHRADER..... Type: ...TRANSMITTER... Model:HSS4.....
5. Frequency band: SPOT:433.92 MHz.....
6. Transmission capacity/channels: ...1CHANNEL... Medium:
7. RF output power: ...0.01m...Watt ...-20...dBm/-dBW ...Nonoverlapping Ch:..
8. Channel spacing:Frequency stability:±ppm
9. Duplex separation: CCIR/National plan:
10. Modulation/ class of emission (ITU code).....FSK/400KK1D.....
11. Maximum permitted RF power: ...≤0.01m... WattFM deviation: . ±..... Max
12. Receiver sensitivity:For 11 Mb/s/20-dB SINAD
13. Antenna Type: ...INTEGRAL Beamwidth:Gain:dBi
14. Optional attachments:
15. Intended Purpose: ...TIRE PRESSURE MONITORING SYSTEM FOR VEHICLES...
16. Test specification:
17. Restrictions:
18. Valid up to:N/A.....

BY THE
AUTHORIZED SIGNATORY
COMMUNICATIONS REGULATORY AUTHORITY

SEAL

هذه الشهادة لا تخول حاملها الحق في استيراد أي كمية أو عينات من أجهزة الاتصالات السلكية واللاسلكية
THIS CERTIFICATE DOESN'T PERMIT IMPORT OF ANY QUANTITY OR SAMPLE OF
TELECOM EQUIPMENT

Conditions:

1. Type approval or acceptance certificate is valid only for the type, model and the intended purpose mentioned.
2. The equipment should be used only for the intended purpose as approved. E.g. mobile telephony, telemetry, data transmission, video, radio-relay link, fixed point-to-point, point-to-multipoint link, other usage not permitted.
3. Only type approved equipment can be imported. Dealers/Users will obtain prior permission to import from CRA.
4. Any deviations from the approved specifications will render this approval invalid.
5. It is an offence to use unapproved, unlicensed equipment and outside the terms of the license.

Form: F/RT/23
Rev: 0; D: 11/02/07



Radiating Equipment Type Approval

The Equipment Identified hereon is approved for use under the following rules:

- 1- This equipment must not cause harmful interference to other services.
- 2- This equipment is subject to harmful interference, and the owner of this equipment must not claim for protection.

Authority Reference	DLM/ 0000001249 Reference no.: 0000000271	J: 0000000396 P: 0000000005 S: 0000000005
Date of Grantee	26/01/15	
Name of Grantee	BATEC Villa 1279, Road 3327, Block 332, Mahooz, Kingdom of Bahrain	
Manufactured by	Schrader Electronics Ltd 11 Technology Park, Belfast Road, Antrim, N. Ireland, BT41 1QS, United Kingdom	
Model/Type/No.	HSS4	
Equipment Description	Tyre Pressure Monitoring Sensor	
Frequencies/Frequency Bands	433.92 MHz	
Output Power	0.01 mW	
Emission	400KK1D / FSK	
Remarks		
Validity	25/01/2018	

Eng. Hassan Mohammed Hassan
Director





Telecom Equipment Registration Certificate

شهادة تسجيل منتج (إعتماد النوعية)

Authorization Number : **ER36744/15** رقم الشهادة :
Name of Registered Dealer : **SCHRADER ELECTRONICS LTD.** إسم المصرح له :

Product Details

Equipment Name : Short range devices / Low power Devices تفاصيل الجهاز :
Model : HSS4 الطراز :
Manufacturer : SCHRADER ELECTRONICS LTD. الشركة المصنعة :
Applied Standard and/or Network Interfaces and/or Radio Services Spectrum Usage for which this authorization applies.
Comments :

Authorization

وفقا لمرسوم قانون الاتصالات ولائحة التنفيذية ، والسلطة الممنوحة لهيئة تنظيم الاتصالات لتنظيم قطاع الاتصالات، يخول هذا الترخيص لاستخدام المنتجات المذكورة أعلاه في الدولة.

The Telecommunications Regulatory Authority, pursuant to its authority under the Federal Law by Decree No. 3 of 2003 – Telecom Law & the Executive Order of the Federal Law by Decree No. 3 of 2003 Regarding the Organization of the Telecommunications Sector, hereby authorizes the above product for the usage of specified subject to the conditions set out overleaf.

Date of Issue : **13-Jan-2015** تاريخ الإصدار : Date of Expiry : **12-Jan-2018** تاريخ انتهاء الصلاحية :



TYPE APPROVAL CERTIFICATE FOR TELECOMMUNICATIONS EQUIPMENT

Approval number: TRA/TA-R/1039/13

Date of Issue: 13/03/2013

Applicant Name: Al Thuraya Trading

Applicant Number: D090258

Type: Short Range Device

Purpose /Use: Monitor car tire pressure and temperature via radio signal ,
transmitter

Brand /Family/ Series: Schrader

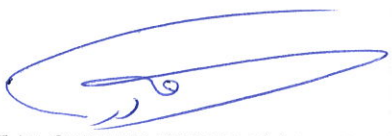
Model: HS Speed Snap In Europe 433 MHz

Manufacturer: Schrader Electronics

Frequency/Band	RF Output power(EIRP)	Modulation/ Channel Access Tech.	Class of Emission
433.92 MHz	0.01 mW	FSK	400KK1D

Note/Conditions:

- Usage of this radio equipment shall be subject to Decision No. 133/2008, and any further regulations to be issued by TRA.
- Labeling of Imported equipment is subject to the Labeling Guidelines.



TELECOMMUNICATIONS REGULATORY AUTHORITY

www.tra.gov.om

ص.ب. ٥٧٩، روي ١١٢ | سلطنة عمان | هاتف: ٣٠ ٥٧٤ ٩٦٨ + | فاكس: ٦٤ ٥١٣ ٩٦٨ + | البريد الإلكتروني: traoman@tra.gov.om
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