

## CERTIFICATE OF TYPE APPROVAL FOR TELECOM EQUIPMENT

Approval Ref: .....CRA/SA/2015/R-4707..... Date of issue: ...29/04/2015...

1. **Company/ Establishment:** .....EMEACONSULTING SERVICES EMEACS.....
2. **Address:** ...P. O. Box-3068-TUNISIA... **Tel:** ...+216 98 290 354... **Fax:** ...+216 748 72 728...
3. **Equipment description:** ...INDUSTRIAL WIRELESS INPUT/OUTPUT SYSTEM...
4. **Manufacturer:** ...OLEUMTECH... **Type:** ...TRANSCEIVER... **Model:** ...BM-2400...
5. **Frequency band:** **From:** ...2.400 GHz... **To:** ...2.4835 GHz .....
6. **Transmission capacity/channels:** ..... **Medium:** .....DSSS.....
7. **RF output power:** ...100m...Watt ...20...dBm/Dbw-Nonoverlapping Ch:..
8. **Channel spacing:** .....5 MHz.....**Frequency stability:** ...± .....ppm
9. **Duplex separation:** ..... **CCIR/National plan:** .....
10. **Modulation/ class of emission (ITU code):** .....QPSK.....
11. **Maximum permitted RF power:** ...≤100m... Watt .....FM deviation: . ±..... Max
12. **Receiver sensitivity:** .....-100dBm.....**For 11 Mb/s/20-dB SINAD**
13. **Antenna Type:** ...INTEGRAL ..... **Beamwidth:** .....**Gain:** .....dBi
14. **Optional attachments:** .....
15. **Intended Purpose:** .....INDUSTRIAL WIRELESS INPUT/OUTPUT SYSTEM.....
16. **Test specification:** .....
17. **Restrictions:** ..... THIS TYPE OF EQUIPMENT COULD GENERATE SYSTEM NOISE AND/OR.....  
SUFFERS INTERFERENCE FROM OTHER SYSTEMS (PROVISIONAL TYPE APPROVAL)
18. **Valid up to:** ....N/A.....

BY THE  
AUTHORIZED SIGNATORY  
COMMUNICATIONS REGULATORY AUTHORITY



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: 15/02/07