

RADIO TEST CERTIFICATE

YORK EMC SERVICES Ltd
 46 WAVERLEY ROAD
 BEECHES INDUSTRIAL ESTATE
 YATE, BRISTOL BS37 5QT
 TEL: +44 (0)1454 326 998
 FAX: +44 (0)1454 326 930
 UKAS Testing Number 1574

Issued to: -	Bull Products Ltd Beacon House 4 Beacon Road Rotherwas Industrial Estate Hereford HR2 6JF	Order No. 5203
--------------	--	-------------------

Radio Spectrum Test/s were performed on the apparatus as detailed: -

Description	CYGNUS 434 Alarm System consisting of the items listed in Table 1 on page 2:		
Type number	See Table 1		
Serial Number/s	N/A		
Configuration/ Mode of Operation	Test modes were provided and used during testing, including modes for continuous unmodulated transmitter output, and continuous transmitter with normal modulation. Refer to test report B1711TR1 for full details of tests applied		
Date received	20 April 2015	Date Tested	14 th – 15 th May 2015
Specification/s	AS / NZS 4268: 2012 + A1	Radio Equipment and Systems – Short range devices – Limits and methods of measurement	

The apparatus to which this certificate relates was tested against the above specifications. Full results are retained on file at the EMC Test Centre, Yate, Bristol. The apparatus was found to be compliant to the above specifications subject to the following conditions:



UKAS Accreditation

Tests in this certificate are not included in the UKAS Accreditation Schedule for our laboratory. Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation.

EUT Submitted

These results apply only to the particular EUT submitted, in the configuration used and in the mode of operation tested.

Certificate No: -	B1725TC1	Job No: -	B2160	Date: -	2 June 2015	Page 1 of 2
PDF copy						

Tested by: -  E Warren BSc., MIET Principal Engineer	Approved signatory: -  Mr A Pers BEng, BComp & info Sci, CEng, MIET Laboratory Manager
--	--

The Copyright in this certificate is vested in York EMC Services Ltd. The Certificate may be reproduced in its entirety but reproduction of any extract is expressly forbidden.

EMC FORM 044 Issue 1

Table 1 - Individual units of the Cygnus system containing the 434MHz radio module

No	Model	Description
1	CYG14-GSM/GPRS	Cygnus Fire Control Panel with GSM/GPRS Remote Link.
2	CYG24PIR	Cygnus fire Call Point Alarm C/W PIR Intruder Sensor
3	CYG2F4PIR	Cygnus fire Call Point / First Aid Alert Alarm C/W PIR Intruder Sensor.
4	CYG24/85DBPIR	Cygnus fire Call Point Alarm 85DB (No Beacon) C/W PIR Intruder Sensor.
5	CYG34LPIR	Cygnus Lithium Heat Detector C/W PIR Intruder Sensor.
6	CYG44LPIR	Cygnus Lithium Smoke Detector C/W PIR Intruder Sensor.
7	CYG54PIR	Cygnus First Aid Call Point Alarm C/W PIR Intruder Sensor.
8	CYGIU4	Cygnus Input / Output Module
9	CYG14	Cygnus Fire Control Panel
10	CYG24	Cygnus Fire Call Point Alarm
11	CYG24L	Cygnus Fire Call Point Alarm with Lithium Battery
12	CYG24/85DB	Cygnus Fire call Point Alarm 85dB (No Beacon)
13	CYG24/85DBL	Cygnus Fire call Point Alarm 85dB (No Beacon) with Lithium Battery
14	CYG2F4	Cygnus Fire Call Point/ First Aid Alarm
15	CYG2F4L	Cygnus Fire Call Point/ First Aid Alarm with Lithium Battery
16	CYG34L	Cygnus Heat Detector with Lithium Battery
17	CYG44L	Cygnus Smoke Detector with Lithium Battery
18	CYG54	Cygnus First Aid Call Point
19	CYG54L	Cygnus First Aid Call Point with Lithium Battery
20	CYGIU4L	Cygnus Input / Output Module

AS/NZS 4268: 2012 incorporating Amendment No 1 – Radio Equipment and Systems – Short range devices – Limits and methods of measurement

AS/NZS 4268: 2012 incorporating Amendment No 1 refers to the following specifications: -

	Required?	Product Specific Requirements	Result
EN 300 220-1 v2.4.1 (2010-02) Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD) Radio equipment to be used in the 25MHz to 1000MHz frequency range with power levels ranging up to 500mW - Technical characteristics and test methods	Yes	-	Pass

Modifications incorporated during testing	None
Specific conditions required /limitations imposed on the tests by the EUT	None
Non-standard environmental conditions	None
Opinions/Interpretations/Additional information	None
Reduction of measurement distance	None

-----End of Certificate-----