

QUALITY ASSURANCE SYSTEM



TUV Rheinland/  
Berlin-Brandenburg



# CERTIFICATE

Quality-Assurance System  
Acc. to European Directive 97/23/EC

Certificate-No.: 01 202 CH/SEP-03 0001

Name and address of  
manufacturer:

Wave Cyber (Shanghai) Co., Ltd.  
No.2 Songchun Road, Songze Industrial Zone  
Shanghai New City, Qingpu District, Shanghai  
P.R. China 201703

The Certificate holder has established and maintains a Quality Management System. The system was audited to verify compliance with the European Directive 97/23/EC for Pressure Equipment (PED), in regard to the scope and applicable requirement as listed in the annex of certificate.

CE marking must not be affixed

Requirement of 97/23/EC:

PED 97/23/EC Article 3, Para.3  
Sound Engineering Practice

Audit report No.:

CH/SEP-03 0001

Manufacturing Scope:

Manufacturing of Filament Wound Pressure Vessels

Manufacturing plant:

No.2 Songchun Road, Songze Industrial Zone  
Shanghai New City, Qingpu District, Shanghai  
P.R. China 201703

The manufacturing plant has been audited to verify the efficiency of the applied quality systems.

The Certificate is valid until May 2006 subject to satisfactory annually surveillance audit.  
Shanghai, 31 May, 2003

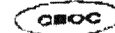


TÜV CERT-Certification body for  
pressure equipment

*W.F. Yu*  
W.F. Yu

Notified Body, ID-No. 0035

Member of



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Module A, Rev 2



# Certificate

Holder: Wave Cyber Co. Ltd.  
No. 2, Songchun Road,  
Songze Industrial Zone (Shanghai)

Test sample: C 208 1075, FIBER REINFORCED PLASTIC PRESSURE VESSELS

Tested acc. to: - German Food and Commodity Law (LMBG), published 09.09.1997  
- EC-Directives 89/109, 02/72, 97/48, 82/711, 85/572, 78/759  
- KTW-Requirement, first notification, BgesundhBl. 20. 10 (1977)  
- KTW-Requirement part 1.3.2 "Polyethylen" dated 12.09.1978

TUV Test report No.: AZ 5475, dated 06.08.2005

According to test report TPU AZ 5475, dated 06.08.2005, the mentioned item was tested with the following results:

Test Parameter:	Method	Requirements		Assessment
		References	Limit	
Quality of the Testing water	KTW-recommendation, part 1.3.2.5.1	KTW-recommendation	no change	pass
TOC, Total Organic Carbon	KTW-recommendation, part 1.3.2.5.2	KTW-recommendation	<3 mg/m <sup>3</sup> day	pass
Global migration	EC-directive 2002/72 and corresponding regulations	Commodities Ordinance (BGVO), 07.01.1998	<2 mg/dm <sup>3</sup> (Water)	pass
Cadmium, Lead	DIN V ENV 1122; 04/95	Annex I, 78/759/EWG	Cd, <5 mg/kg Pb, <10 mg/kg	pass

#### Suitability for contact with Drinking Water:

With regard to the parameters examined, the requirements of the German Commission "Trinkwasserbelange" in the BfR (Bundesinstitut für Risikobewertung, Bonn) "KTW-Empfehlungen" and of the German Food and Commodity Goods Law are met. The test results exclusively refer to the article examined.

This certificate refers only to the above tested product and it is not a general assessment of series production. It is also no authorization for using a TÜV Rheinland test mark.

This certificate is valid until 2008-06-30.

Cologne, 2006-08-09

Dr. rer. nat. Karl Sander

Dipl. Geogr. Monika Weiker