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CTIA Battery Certification Programme - Registration Stage

Following recent negative press coverage and consumer concern regarding battery safety, the Cellular Telecommunications and Internet Association (CTIA) working in partnership with leading cellular network operators such as Cingular and Verizon have devised a scheme to aid cell / battery pack and handset manufacturers to raise safety and quality levels within the industry.

As a result BABT / TÜV Product Service are pleased to announce that we have been appointed by the CTIA as a Battery Compliance Review Organisation (BCRO) and can assist manufacturers in obtaining CTIA Battery Certification. As a leading international testing, certification, and consultancy organisation we have an established and proven track record in the certification and testing of cellular products; our specialised team of auditors and consultants are recognized as leading experts in the battery industry and specialise in Li-Ion and Li-Ion Polymer technologies. This means we can provide a fast and cost effective gateway to CTIA Battery Certification registration. In addition we offer a comprehensive range of services including Product Safety / EMC / Environmental / Radio testing, Type Approval, and Certification.

The 1st phase "Registration Stage" of the Battery Certification Programme has now been implemented. The aim of the programme is to verify compliance of cellular products in accordance with the standard IEEE 1725 "Standard for Rechargeable Batteries for Cellular Telephones" and associated CTIA certification documents. It is anticipated that during 2007 this certification requirement will become mandatory in order to obtain PTCRB approval, with the network operators giving preference to cellular products that are CTIA registered to IEEE 1725.

IEEE 1725 encompasses system integration, battery cell design process, manufacturing considerations, assembly precautions, leakage protection, component & thermal considerations, overcharge, over-current, mechanical considerations, connector & terminals, quality control, security & validation, as well as external influences such as the intended host and ancillary devices including AC & DC adapters.

The Registration Stage of the CTIA Battery Certification Programme relates to the complete cellular product system (cell, battery pack, cellular product (host), power adapter and / or charging cradle) with submissions being made from System Vendors.

TÜV Product Service Ltd
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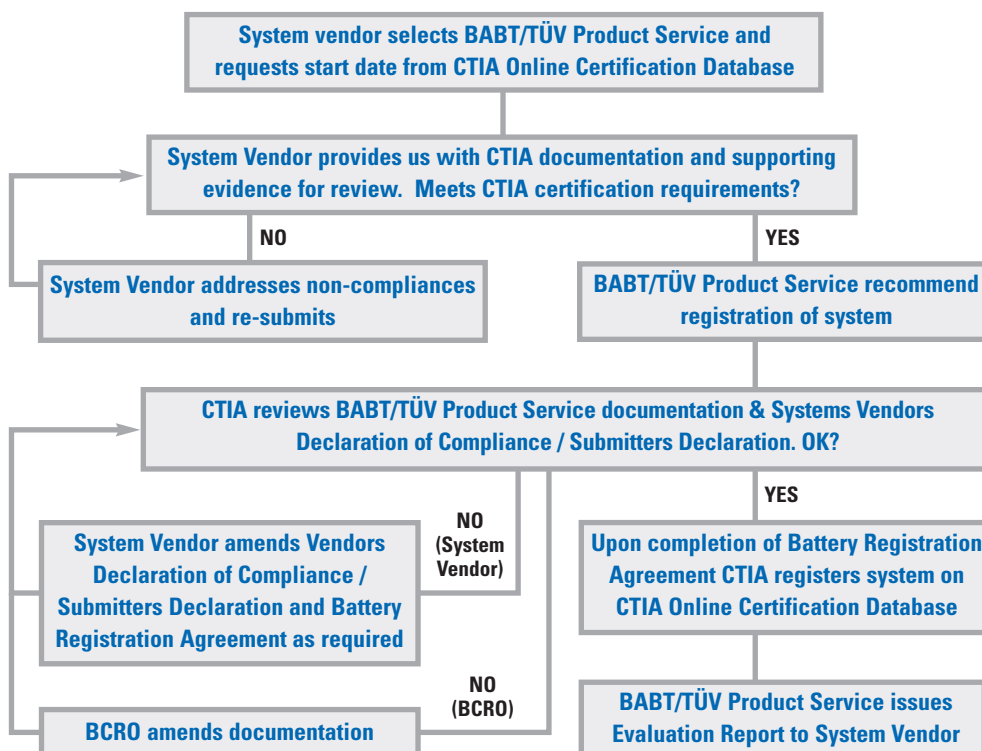
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The System Vendor shall first evaluate compliance of the cellular product system to the requirements of IEEE 1725 and associated CTIA certification documents. A 'compliance folder' covering the complete cellular product system and typically containing supporting documentation such as declarations, design / manufacturing / test data, test and audit reports is then submitted to BABT / TÜV Product Service for review. Once we have determined that all relevant requirements are satisfied and sufficiently documented we will provide an evaluation report recommending that the

cellular product system be registered on the CTIA Certification Database.

Under the Registration Phase, compliance is established by independent evaluation of System Vendor supplied data and results; no compulsory 3rd party testing and auditing is required. However this will be introduced in the 2nd stage of the programme which will contain elements of 3rd party testing and auditing and will introduce certification categories covering cells, battery packs & power adapters (Recognised) and complete cellular product systems (Listed).

CTIA Battery Certification Program - Registration Stage Process (Flowchart)



TÜV Product Service Ltd • TÜV SÜD Group
Octagon House • Concorde Way • Segensworth North • Fareham
Hampshire • PO15 5RL • United Kingdom
Tel: +44 (0)1489 558100 • Fax: +44 (0)1489 558101 • Email: info@tuvps.co.uk