VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute

EPEAT PRE SERVICE
October 2012
VDE – Your partner for safety and quality and your passport to the global market

- Since 1920 the specialist for testing and certification of electrical and electronic components, appliances and systems
- Comprehensive service portfolio for manufacturers and retailers
- Full support from product design phase to global market entry
- Neutral and independent testing resulting in reliable and reproducible test results
- VDE test reports and VDE marks enjoy highest recognition on international level
VDE Service Portfolio

- Safety and EMC
- International certification
- Chemical product safety and sustainability
- EPEAT PRE Service
- Ecodesign; Energy efficiency
- Insulating material and environmental testing
- Software evaluation
- Usability tests
- Lifetime test; failure rate reduction
- Acoustics
- VDE SMART Manual
- Inspection services
- Management system audits
Activities of VDE regarding EPEAT

- VDE is Partner (PRE) of EPEAT in Europe for registration of products under EPEAT.
- Product Registration Entity PRE: VDE is the strong partner of manufacturers who want to register their products under EPEAT.
- Manufacturers who want to register have to make a selection about the PRE they want to partner with.
- VDE is well known in the electro technical industries in Europe and Asia.
- VDE consults with the manufacturers in their time zone and in local languages.
Services around PRE registration

- VDE helps manufacturers to understand the requirements of the registration under EPAT
- VDE can evaluate and test components and or products that are candidates for registration under EPEAT
- VDE can measure single product properties such as the RoHS directive, Recyclability (WEEE) evaluation and calculations for a Product Carbon Footprint and energy consumption
Chemical Testing and Sustainability - Overview

Chemical testing
- RoHS
- REACH (SVHC)
- PAH (GS mark)
- Phthalates
- Food Contact Materials (Polymers and Metals/Alloys)

Sustainability
- Life Cycle Assessment - Carbon footprint
  Evaluation of product life cycle (production, transport, usage, recycling) regarding CO₂ impact
- WEEE Recyclability
  Evaluation and Calculation
- Eco Label Evaluation
- EPEAT PRE Service

Information Exchange
- Material Declaration – Material analysis according to specific Materials List
  - Reporting according to IPC 175X
  - Provides data for BOM Check
VDE Point of Contact for EPEAT PRE Service

Dr. Michael Riess  
VDE Testing and Certification Institute  
Head of Chemical Lab FG 44  
Merianstr. 28  
63069 Offenbach  
Germany  
Tel.: +49-69-8306-830  
Michael.Riess@vde.com
Thank you for your attention!

Your reliable partner for Testing, Certification and Product Registration

VDE