

## Environmental Care

### *ACB is adding ISO 14001 certification to it's array of approvals*

In the land of chocolate and beer local environmental legislation is paramount, therefore industrial waste must be controlled to the highest standards. ACB meets the very strict local requirements and is at the forefront of Green Industrial Care.

Continuous improvement is in our DNA. We focus on reducing our environmental impact, year by year. Today we are well within local and international laws and regulations. For example, our maximum metal contents in effluent are below minimum standards. Preventive measures for impact on soil and air are also in place.

This year we will focus on reduction of raw material consumption and energy.

Environmental Management is integrated in our management systems and philosophy.

Our certified approvals **ISO 9000 & AS/EN9100** have already been adapted as part of our close cooperation with the certification body LRQA who have also started PRISM (Progressive Route Into Systems Management). After having completed a compliance survey we received a "statement of commitment" and in the coming year full certification will be completed.

Simultaneously we are developing our safety management approach to meet the demands of OHSAS 18001, which will also be integrated into the same PRISM system.

In parallel with these ongoing certifications, we are upgrading the ACB Quality system to comply with **NADCAP**, a leading program designed to manage a cost effective approach to special processes and products.

NADCAP certification will drive our **SPC** (Statistical Process Control) to a higher level and fulfill customer demand both for today and the future, specifically meeting and supporting the needs of our Aerospace customers.

## Enhancement of Test-capacity

The plant in Belgium has ordered from Viking Test a MicroCraft EMX6151 high speed, high accuracy flying probe system, that fits perfectly within the needs of a printed circuit board supplier orientated towards the high reliability market. ACB chose the MicroCraft system as it has a very high accuracy and a 4 wire Kelvin test technique with resolution capability to 0.1m Ohms which can detect plating defects in hole barrels that conventional testers will not locate. The system can also test thin cores down to 30 um and hit test pads of 20 um leaving little or no witness marks even on the softest of surface finishes. This investment definitely enhances the already advanced testing capabilities within the ACB Group. The system is due for installation in March 2010 by Viking test Ltd. [www.vikingtest.com](http://www.vikingtest.com)



## ACB proves it's leadership in Quick Turnaround Delivery for high Technology boards

ACB has once again proven it's leadership in fast delivery for high technology boards. The team succeeded in a 7 working day turnaround for a board with 5 microvia levels per side, of which 3 are stacked and copper filled. This is unique and probably one of the fastest deliveries in Europe for a board with this level of complexity. Typical ACB lead times for VHDI (Very High Density Interconnection boards) are 5 working days for a 2+X+2 construction, 7 working days for 3+X+3, etc.. ACB has invested over 300Keuro in order to expand its copper filling plating capacity as the demand for this technology has increased substantially. Additional work is being carried out on a European level :

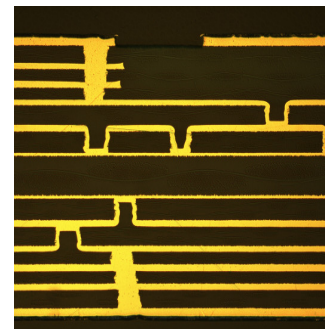
### **EURIPIDES Research Programme : IPITECH**

(Innovative PCB Integration TECHNOlogies for HDI

boards in Harsh Environment) – ACB is participating as the consortium PCB supplier.

Programme objectives are:

- Characterize VHDI for Aerospace and high performance products.
- Assess Signal integrity and thermal efficiency.
- Process robustness & reliability
- Reparability
- Cost effectiveness.



Plant Dendermonde – ACB nv – Vosmeer 3 – BE-9200 Dendermonde – Belgium  
Tel. +32-52-20-20-30 – Fax +32-52-25-99-40 - email [acb@acb.be](mailto:acb@acb.be)—[www.acb.be](http://www.acb.be)

Plant Malville – Atlantec sas – Z.I. de la Croix Blanche – FR-44260 Malville – France  
Tel. +33-240-564-544 – Fax +33-240-564-509 – email [fao@atlantec.fr](mailto:fao@atlantec.fr)—[www.atlantec.fr](http://www.atlantec.fr)

Contact  
Monique Berckvens  
[mob@acb.be](mailto:mob@acb.be)