"Worldwide Provider for NDT & Quality Services"

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COMING SOON

19th WCNDT 2016
MUNICH
World Conference on Non-Destructive Testing

13 - 17 June, Germany

TESTIA IS PLEASED TO PRESENT YOU THE LATEST NEWS FROM ITS SUBSIDIARIES.
ULTRASONIC INSPECTION

Ensia starts the development of the ultrasonic inspection of Multispar Box test specimen. This inspection requires new tools development to inspect inner surfaces without standard access.

ISO9001, EN9100, EN 9110 CERTIFICATION

Ensia has renewed the certifications for ISO9001, EN9100 and EN 9110.

EASA-145 CERTIFICATION

Ensia has submitted the MOE (Maintenance organisation manual) to AESA (Agencia Española de Seguridad Aérea) as last step to obtain the EASA-145 certification for aircraft in service maintenance.
FORMATION & EXAMINATION NDT CENTRE CERTIFICATION

ENSIA has submitted the procedures to obtain the certification as “formation & examination center for NDT personnel” to CNAEND (Spanish NANDTB).

DGAC NDT INSPECTION CENTRE APRIL 2016

In April Testia Mexico was approved by the Mexican DGAC as a Repair Station in NDT for UT, ET and PT.

The complete list of approval is updated as follow:
- FAA PART 145
- AS9100 / ISO 9001
- Boeing for Level 3, PT and UT inspection
- Cessna
- Bombardier training and examination center for PT and UT
- Mexican DGAC
Testia France has been pleased to welcome trainees from the Pakistani Air Force.

Thanks to Dassault Aviation they benefited of an initiation week into all the methods in NDT.
Patrick Madelaine, coordination instruction of Dassault aviation handing certification to the trainees from the Pakistani Air force.

A NEW TOOL TO CONTROL THE BLADE OF THE TAIL ROTOR
BLADETOOL

Ordered by Airbus Helicopter, the Bladetool is an eddy current instrument dedicated to inspect helicopter blades.

Its handling is really fast and gives the opportunity for a non-expert operator to inspect blades following the various steps thanks to a friendly interface.

APPLICATION

SA 330 PUMA

following the EASB (Emergency Alert Service Bulletin)

STELIA'S INVITATION TO THE MARRAKECH AIR SHOW

27th 30th APRIL 2016

Stelia kindly shared their booth at the Marrakech Air Show with Testia France last month.

This not only benefited Testia through reinforcing the partnership with Stelia, but also formed positive business connections.
After an audit by British Institute of NDT (BINDT) at the end of 2015 (November 2015 newsletter), African NDT Centre’s Centurion and Durban offices were approved as Authorised Qualifying Body (AQB) (Centurion), Approved Exam Centre (Durban) and Authorised Training Organisations (both offices) in April 2016.

In addition to its approvals covering Level 1 and 2 PT, MT, RT, UT, ET and VT, the company is also approved for PCN Level 3 training and examinations in MT, PT, RT and UT.
Testia Singapore was pleased to welcome students from Ngee Ann Polytechnic and the Institute of Technical Education during the Voilah festival organised by the French Institute and the French embassy of Singapore.
The aim of the festival was to present the technological companies linked to France.

Testia's activities have been introduced to the participants and they watched the SART (Smart Augmented Reality Tool) video.

Students attended demonstrations to ultrasonic testing and infrared testing methods.
Testia has extended its qualifications related to Airbus Special NDT Processes (AITEM) and is from now on listed with these NDT Processes in the Airbus QSPL (Qualified Special Process List).

The range of activities already offered to Airbus Group companies and external suppliers has been increased to the following methods:

- Ultrasonic thickness measurement of fibre composites (AITEM6-4014) and metals (AITEM6-4016)
- Eddy current for surface crack detection (AITEM6-6003)
- Rotating probe eddy current inspection (AITEM6-6005)
- Electrical conductivity determination of non-ferromagnetic materials (AITEM6-6004)
- Coating thickness measurement (AITEM6-6006)
Testia GmbH and Orbital ATK have started its cooperation for the inspection of parts in the warehouse of ATK Orbital in Tilburg / Netherlands.

Level 2 inspectors, qualified by Airbus to inspect Airbus related parts and structures, have inspected first stringers in Tilburg. With its service available on a short notice, Testia GmbH fulfills the requirements of Orbital ATK to react on urgent needs in a short timeframe.

Testia GmbH is now allowed to perform these NDT Processes or Airbus and all suppliers to Airbus.

**TESTIA GmbH PERFORMS FIRST NDT INSPECTION FOR ORBITAL ATK**

**INSPECTION SERVICES PROVIDED FOR PRODUCTION TOOLING**

Testia GmbH provides inspection services for Airbus Autoclave jigs. Inspections have been carried out at PAG production site in Nordenham.
After performance of a feasibility study, different inspection methods were selected to answer the customer needs as PT, ET conventional and ET Array.

TESTIA GmbH-NLR INSPECTION PROGRAM
WITH DOLPHICAM CF08 & CF16

On Friday 22.04.2016, Testia GmbH and NLR (Netherlands Aerospace Center) carried out an inspection with the help of the DolphiCam CF08 and CF16 on different CFRP components. NLR wanted to evaluate the performance of the camera and discuss the possibility of including it as a potential option for different in-service applications. NLR had main objective to evaluate the camera even with structures thicker than 16 mm. The camera showed good performance for the inspection of areas with impact damages. In some cases delamination had already started within the first plies of the structure.
EVENT
MONDAY 9th MAY
FACILITIES VISIT

Monday 9th May saw the Global head of NDE, Mr Jon Biddulph of Rolls Royce visit Testia Newport facility, where he said he was "very impressed" by the standard of the facility that has been created.

ENGINEERING
Testia Ltd completed the contract from Airbus Operations Engineering, which saw Testia Ltd. Deliver, in less than 2 years, a work package which has seen Testia Ltd. take responsibility for complete disassembly and 100% inspection of all dismantled parts of the A380 wing structure following full scale fatigue test. The target for this activity was originally 3 years, so big congratulations to all involved in this project.
QUALITY ACCREDITATION

Testia Ltd. has received notification that it has successfully passed the 2nd audit from the UK National Aerospace NDT Board, well done all involved.

NEW EMPLOYEES

We are pleased to welcome:

- Phil Edwards
  Phil has joined us from Olympus NDT where he was looked upon in the world of NDT as a 'excellent applications engineer', within Testia Phil is responsible for production of Ultrasonic Phased Array training material, he is also quickly becoming a focal point for questions from our customers, who are tapping into his extensive knowledge and skills.

- Dimitrios Batalogiannis
  Dimitrios has joined us in preparation for the Testia Ltd. Part 145 In-Service Inspection team. Dimitrios brings with him a wealth of experience gained from previously working for Olympic Airways and various MRO's in Greece.

NDT LEVEL III SERVICES & INSPECTION SERVICES

Testia Ltd. has been approached by an International, UK based car manufacturer on Pre-test Carbon Fibre body shell, tests will be ongoing during their testing campaign prior to final Teardown inspection. Testia Ltd. will be working with this supplier to offer NDT Level 3 services and inspection services.

PENETRANT TESTING COURSES & EXAMINATION

Testia Ltd has completed the first of five Penetrant training courses and examinations for Airbus Operations Broughton.

CONTACT US

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