



2012 AGS PTP

General Information

Introduction

The purpose of this Scheme Protocol is to describe the agreed responsibilities for the control, implementation and management of the PT program and to document the specific requirements relating to the PT Scheme.

The organisation of the testing programs is controlled jointly by the following Aerospace organisations (“**The Sponsors**”):

- **AIRBUS**
- **GE**
- **SAFRAN**

The PT testing program has been designed to enable “**The Sponsors**” to monitor the performance of their approved subcontract/supplier laboratories by means of their participation in an interlaboratory test (PT) program.

This year, associated sponsors are mandating the AGS PTP: **MTU, EUROCOPTER and VOLVO.**

The testing program is divided into three specific test areas:

- *Chemistry*
- *Mechanical*
- *Metallurgical*

Exova PTP dpt has been entrusted with the responsibility for overall management of the PT Scheme and the associated website.

Exova PTP dpt is responsible for the procurement of materials used for the mechanical tests, the subsequent homogeneity tests required to validate the material.

Dirats are responsible for the procurement of materials used for the chemical and metallurgical tests, the subsequent homogeneity tests required to validate the material and analysis of the chemical test results from the participating laboratories.

Exova PTP dpt is responsible for the preparation and subsequent dispatch of the test kits to the participating laboratories.

Exova PTP dpt has been entrusted with the responsibility for collating the results from the participating laboratories, transmitting the chemistry test results to **Dirats** for analysis, analysing the data associated with the mechanical and metallurgical tests, in accordance with techniques defined by “**The Sponsors**” and the subsequent distribution of the final report to the participating laboratories.

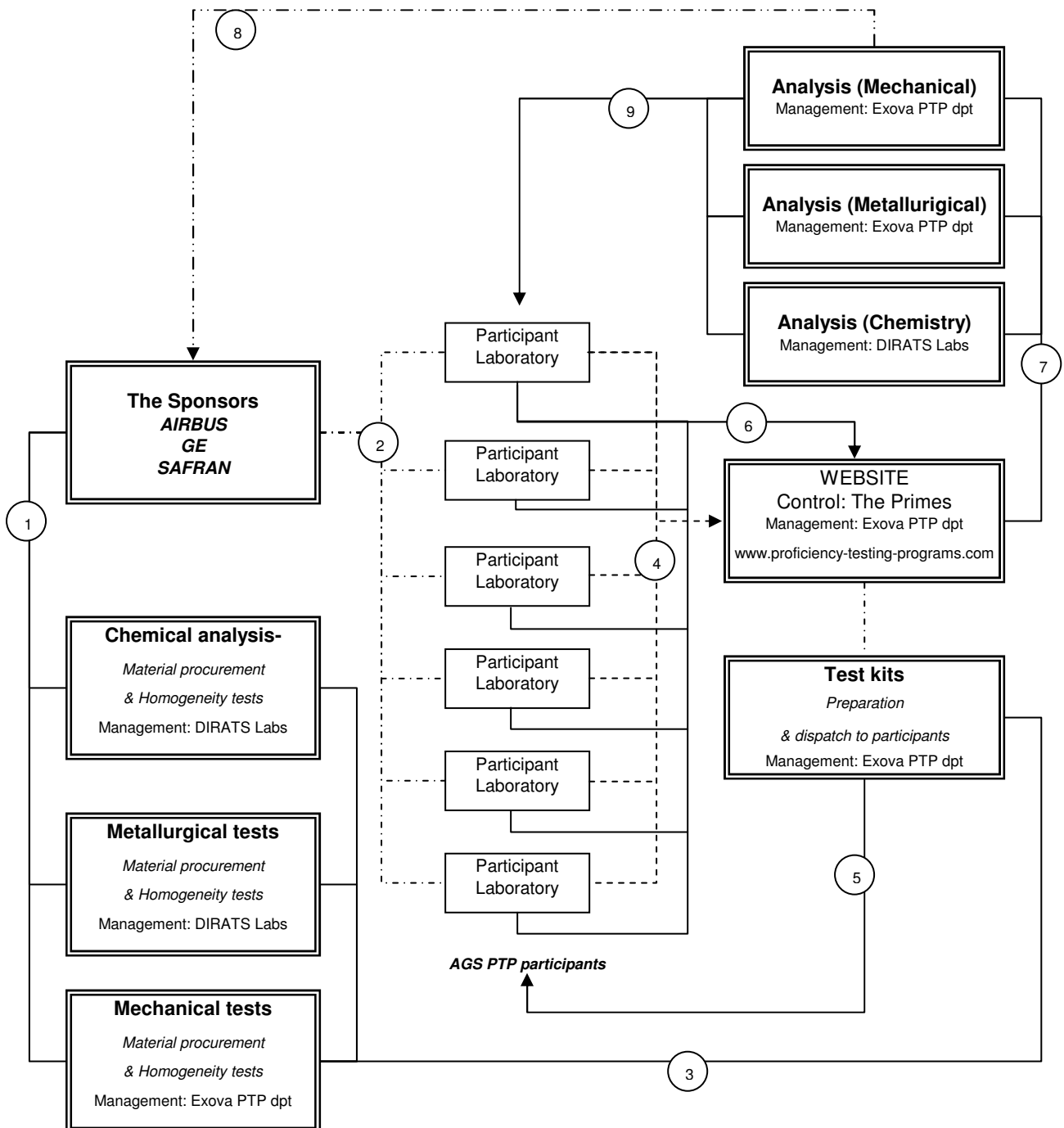


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2. Structure of a PT scheme

The following describes the structure of the documented PT Scheme:





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Stage 1: The annual proficiency testing programs are defined by “**The Sponsors**” and **Exova PTP dpt**. The definition will include as a minimum the following:

- Materials to be tested
- Tests to be performed
- Test conditions
- Characteristics to be measured

In addition those laboratories that are required to participate are identified by “**The Sponsors**”.

Stage 2: The **participating laboratories** are notified in advance that a scheme is available and that registration is required via the website (www.proficiency-testing-programs.com)

Stage 3: **Exova PTP dpt** and **Dirats**, arrange for the procurement of materials and the subsequent performance of the required homogeneity tests for which they have responsibility. **Exova PTP dpt** manages the preparation of the test kits based upon the agreed test program configuration. Following the homogeneity testing, the acceptance criteria is established and agreed by “**The Sponsors**”; this information is documented for use in the subsequent analysis of the data provided by the **participant laboratories**.

Stage 4: The **participant laboratories** register their details and test specimen requirements via the website.

Note: Stages 3 & 4 may run in parallel.

Stage 5: **Exova PTP dpt** dispatches the test kits to the participant laboratories. The **participant laboratories** are advised of all relevant information for the performance of the tests (i.e. specimen types, test conditions, characteristics to be measured and reported etc) and the final date for submission of results.

Stage 6: The **participant laboratories** perform the relevant tests and report the test data via the website.

Stage 7: **Exova PTP dpt** collates all the data supplied by the participating laboratories and transmits the chemistry test data to **Dirats**. **Exova PTP dpt** and **Dirats** perform the analysis of the test data using the agreed techniques.

Stage 8: **Exova PTP dpt** and **Dirats** transmit the analysed results to “**The Sponsors**” for validation prior to release.

Stage 9: Once “**The Sponsors**” have completed the validation of the analysed data, **Exova PTP dpt** provides the participant laboratories with the individual laboratories final report.