High Strain Dynamie Pile Testing (HSDPT) Gertification Explained

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If the Serian Drussine Dile Testing (HSDPT) is a highly specialized and powelf therchange for pile capacity by expectation and pile commention control. The technology of the power of the

Diving Analyzer (TDA) can be a powerful tool with great benefits to the construction process, or in the wrong hands, a tool that is ineffectual, misleading or even wrong. Proper use of the TDA requires the test engineer on site to be knowledgeable and skilful in data acquisition and for the TDA Test stagnator to have additional skills and an interpretation. The necessary knowledge and skills are tested in program has now been in place for 10 years, and its being recognized and specified by an increasing number of private and public sector clients.

The Examination

The HSDPT exam itself consists of 90 multiple-choice questions, and accompanying reference data. It is split into two sections as follows:

Part A: Data Acquisition for high-strain dynamic pile tests: This part tests skills and knowledge that are fundamental to ensuring that correct procedures are maintained during data acquisition in the field; that the tester has a good background in material properties; and that data problems can be identified and rectified in the field.

Part R: Data Interpretation for high-strain dynamic pile tests: This part tests skills and knowledge that are fundamental to ensuring that the data recorded can be adequately interpreted in the field so that proper and timely advice can be given to the client. This part covers assessment of stresses, damage detection, driving system performance, and canacity evaluation. Certification Levels

The HSDPT Certification system is a two-tiered system with six levels. The first tris is dissignated PDA Testers and is awarded either at the Provisional, Basic or Intermediate level, on the basis of their performance in Part A of the examination alone. Although it is ultimately at the discretion of the Client and the project specification requirements, it is intended that a person with PDA Tester status is qualified to undertake PDA testing in the field, and has sufficient knowledge to competently undertake this task, countrie the data is of aeroveristic audits.

The second tier is designated "PDA Signators" and is awarded either at Advanced, Master or Espert level on the basis of their separate performance in Parts A and B. Again, although it is ultimately at the discretion of the client and the project specification requirements, it is intended that a person with PDA Signatory status will be qualified to interpret and analyze the IPDA text results, and then provide the project of the project project

The qualifying scores are as follows:

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Provisional: minimum 45% pass on Part A Basic: minimum 50% pass on Part A Intermediate: minimum 75% pass on Part A

DA Signatory Advanced:

minimum 75% pass on Part A, and minimum 70% pass on Part B or combined Part A and B percentages totalling 150% or greater

Master: minimum 85% pass on Part A, and minimum 80% pass on Part B or combined Part A and B percentages totalline 170% or greater

Expert: minimum 93% pass on both Parts A and B

The validity period of certification differs according to can be taken by arrangement individually at any time at one the level achieved - the higher the level, the longer the of thousands of Regus Serviced Office locations across the certification is valid for. In all cases, an annual renewal fee U.S. and internationally. is payable to keep certification current. At the end of the validity period, individuals must re-take the exam in order PDA Modular Training Program:

- 1. Verification for providers and clients alike that testing personnel have appropriate minimum skill

 - 3. Feedback to employers of testers on areas which need attention to minimize risk exposure
 - 4. A marketing tool to convince new clients of capability
- 5. An edge in competitive bid proposals
- 6. Ability to provide services to clients who require quality services as demonstrated by satisfactory completion of the examination
- 7. Certified PDA Testers contact details are available on the Web

Testers can prepare themselves for the examination with the comprehensive self-paced PDA Modular Training Program, which assists PDA Testers to develop their knowledge and understanding of Dynamic Pile Testing and prepare for the HSDPT Exam. Further details are available at www.foundationga.com or www.foundationgc.com.

For all information relating to the HSDPT Examination 2. Feedback to testers on areas where skills can be and Certification program, please visit www.hsdptregister.org or email melanie@foundationga.com. ▼

The HSDPT exam is held around the world in conjunction with industry seminars, workshops and conferences, or