



IGL AWARDED SHELL CONTRACT FOR MEASVAL SOFTWARE

Global application of key process simulation QA tool

Aberdeen, Scotland: Oil and gas consultancy, IGL Engineering, has been awarded a contract with Shell International Exploration & Production BV ('Shell') in The Hague for its Modelling Engineering and Analytical Software (MeasVAL), used in error prevention and validation of process simulations.

The unique tool is a key to checking and tracking the AspenTech HYSYS simulation package which is used extensively in process engineering modelling, including the design of process and safety equipment, throughout the lifecycle of facilities, onshore and offshore.

Shell intends to add MeasVal to its standard software portfolio made available to its worldwide exploration and production Affiliates.

Meeting ISO-9001 requirements for process engineering checking procedures, MeasVal was introduced by IGL's Software Development Group for use in-house to generate improved productivity and response in work for clients. Its successful application has now led to the tool being made available to third parties under licence.

Conor Crowley, IGL's Software Development Group leader, said "We use qualified process engineers with programming skills to develop software tools. As engineers involved from concept, design and commissioning to operations, debottlenecking and decommissioning, we understand our target audience for software because we are part of that audience. MeasVal is an example of this capability".

MeasVal identifies specified data, checks common errors, carries out a mass balance convergence check and produces results tailor-made for process engineering checking. It embodies the experience of many man-years of checking, bringing that expertise to the user when it is most needed.

"By facilitating QA checks on HYSYS files, MeasVal encourages these to be made through the development stages of process engineering, with improved auditability and tracking," said Crowley. "This means increased efficiency in detecting errors and higher confidence in calculations, equipment dimensioning and specifications and helps avoid over or under design, losses in production and revenue - and the risk of costly litigation".

Established in 1989, IGL also has offices in Perth, Western Australia; Kuala Lumpur, Malaysia; and Stavanger and Oslo, in Norway. Services include process operations support and design, asset management, software development and floating production solutions. The Aberdeen-based Software Development Group suite of software includes both bespoke and stand-alone tools.

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See also: <http://www.igl-engineering.co.uk>
<http://www.measval.com>

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