

8th May 2012

Re: The Year in Industry Contribution to the Business Award 2012 – Semir Ibrahim/Halliburton

I would like to confirm the following:

1. I have studied Semir Ibrahim's submission for the above competition and find it to be a true and factual record of a project that Semir has undertaken whilst with our company which will have a lasting and significant contribution to our business.
2. The introduction of the test system that Semir has developed will be used daily on production for qualifying tri-axial magnetometers to temperatures as high as 230 degrees for use in 'hot hole' oil fields where conventional electronics would be impossible to run.
3. The test system records the magnetometer sensor data for up to 4 devices, creates a temperature models for each, and outputs pass/fail for each device if the error between the model and the raw data is within test limits.
4. Semir has been involved in the full lifecycle of the test system project, from requirements specification, development of the C# code, implementation of the mathematical models, and will be involved in creating test plans and test reports by the time he finishes his placement. In a relatively short space of time, Semir had to learn C# for this project using Microsoft Visual Studio, seeking assistance where necessary.
5. His progress to date has shown great teamwork, communication and drive to succeed. The alpha release of the project is already in use on production, and the final version will be a considerable cost and time saving benefit to the company.

Regards,

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