Tekla Assessment Report

.. prepared 1st January 2019

The Tekcon Services online Tekla Assessment was undertaken by the following candidates in early January 2019.

- John Doe
- Jim Smith
- Greg Jones

These results give an indication of the candidates Tekla skills but is not able to detect the candidates Steel Detailing capabilities.

Below are the rankings based on the overall total:

- Score -30%   Non-User Level

- Score 31%-40%   Foundation Level (New User)

- Score 41%-55%   Intermediate Level (Average User)

- Score 56%-70%   Credit Level (Good User)

- Score 71%-85%   Distinction Level (Advanced User)

- Score 86%+   High Distinction Level (Super User)

The results are as follows. I have highlighted the highest mark in each category.

	Total	Modelling	Drawing	System customising
John Doe	70%	60%	73%	78%
Jim Smith	62%	71%	73%	50%
Greg Jones	57%	53%	52%	62%

I personally reviewed the responses and have the following commentary on each candidate:

John Doe

John missed a lot of the steel modelling and steel connection related questions but was stronger in concrete as his results show. The only questions he got wrong in Basic drawings, Advanced Modelling and Advanced Drawings tests were steel related.

He seemed to have a good knowledge of the Tekla 'back end' as he knew many of the open text questions asking about system files but mostly related to concrete. He also was familiar with the Tekla template programming language.

However, there were a few basic modelling questions he did not know which indicated he had a little more to learn on some of the basics but was still quite strong.

Jim Smith

Jim got a few of the fundamental modelling questions incorrect such as the connection notch rounding options and knowing that you must use a Fitting cut as a primary cut on main shafts to ensure CNC data is correct.
He was also unaware of some of the basic Tekla modelling tips like using ALT-Pick to select an assembly. These are things that you would learn in Tekla training courses or would pick up from other uses.

He was also not familiar with what the "Lock" feature did on drawings and what the "Compare to old" option does in numbering settings which I feel is critical.

From the results it is clear that he hasn't done a lot with importing CAD models or exporting CNC data.

He wasn't strong in Concrete related questions.

Jim hasn't done much with the "back end" of Tekla. Many of the questions in the "System customiser" section are open free text questions and he left a lot of them blank.

Greg Jones

Greg got a few of the fundamental modelling questions incorrect such as the connection notch rounding options and knowing that you must use a Fitting cut as a primary cut on main shafts to ensure CNC data is correct.

Greg also wasn't aware of some of the fundamentals such as a yellow component symbol means there is an edge distance problem and he didn't know a few of the fundamental drawing questions.

He knew how to create a skewed grid which is a reasonably advanced concept but didn't know how to force Tekla to use a specific bolt length.
Greg didn't know about cloning drawings which I think most uses would be using and it doesn't appear he has done much with adjusting drawing settings. I expect he just takes what Tekla gives him and manually edits rather than seeing if a setting could be changed to give him what he wants automatically.

He also hasn't done much with importing CAD models or exporting CNC data

Regards,

Paul McLeod