



Benefits of iQ over bolt load tables

Asset55TM

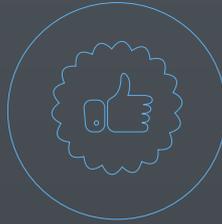
The world's foremost provider of flange
management and construction solutions software
to the global energy market.



Benefits of iQ over bolt load tables

Traditional bolt load tables / torque tables vs Asset55 iQ Flange Management

Tables tend to be updated infrequently as part of full engineering technical practice, therefore can often be out of date.



iQ is continuously updated in line with industry best practice.

Tables are inherently restrictive, so tend to contain only the most common components. This increases the risk when there are any changes on site (e.g. vendor skid, different lubricant, modified flange, etc.)



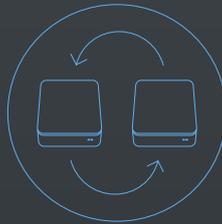
iQ provides universal libraries of flange, gasket, fastener, & lubricant. iQ can calculate heat exchangers, clamps, special & modified flanges.

Often many thousands of combinations across numerous tables. Manually searching through is both time-consuming and prone to error.



iQ has easy search / drop-downs that allow quick and accurate selection of variables across a universal range of flange, gasket, fastener, & lubricant.

Transferring data between documents and systems is both time-consuming and prone to error.



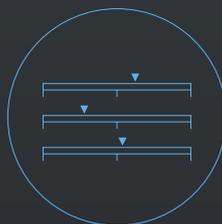
With auto-populating documentation and fully interfaced modules, there is no risk of data transfer error.

No traceability as to why a specific value was selected and by who.



Individual log-in credentials allow clear automated audit trail of calculations carried out.

Difficult to check if the values used in field are in line with engineering technical practice.



The Joint Integrity Review provides the user with an immediate and simple to understand analysis of the risk profile of any given value.



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Risk that the original source data is inaccurate / out of date.



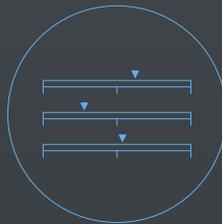
Highly sophisticated calculations are carried out in line with only the very latest industry best practice.

No way of sense-checking if the correct data was taken from the table.



The easy to view calculator allows the user to quickly sense-check selections.

There is no safe value range provided to increase a value if required.



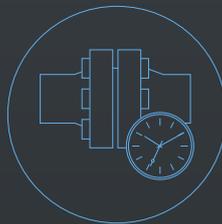
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Difficult to share with operations / contractors, and can be changed or misinterpreted.



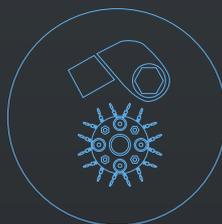
Online solution allows flexibility to provide access as required.

Manual process for identifying value for each joint is replicated every time it is tightened.



iQ creates an automated joint history allowing instant retrieval of previous information.

Tables often provide only a torque value - discounting possibility of tensioning.



iQ calculates both torque and tension values.



Asset55™

Asset55 is the global leader in bolting integrity and flange management solutions. Get in touch today to schedule a demonstration of our iQ software, custom-tailored to your organisation's needs.

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