

Database: Load Specification

P-651

Databases – Standard or bespoke version – for handling Load Data from General Equipment and Installations. Useful for

- Compiling Load Data for handover to 3rd party for Structural Engineering
- Overviewing Load Distribution and e.g., Equipment Interfaces

Database handles e.g.

- Load Position Import from BIM Model – Revit, PDMS etc.
- Load Composition – Dead Weight, Process, Platforms, Wind, Intermediate during Erection etc.
- Definition of Static and Dynamic Forces and Moments in Coordinate System ENU or XYZ
- Interface Definition – how the Load is transferred with Bolted Connection, Adhesive Anchors in Concrete etc. with Detail Drawing Reference
- Earthing Definition – Connector to Concrete Rebars etc.
- Building and Room References
- Auto Generation of Module Grid References

P-Engineering uses MS Access for User interface and Database engine can be Desktop or Server Solution.

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Pictures from the User Interface and Report Function of the Load Definition Database.