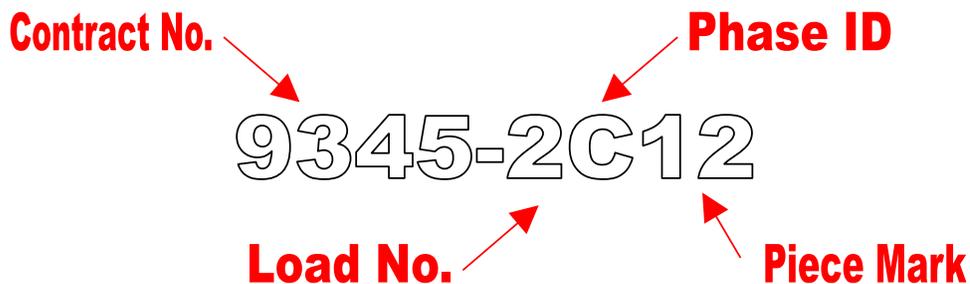


Peers Marking System

There are several ways of marking steelwork and most fabricators have their own preferred method. These range from marking the pieces after the application i.e. Rafters R1,R2 etc Stanchions S1,S2 to the rather simple 1,2,3 or A1, B1etc. As most companies now detail on 3D modelling systems the marking system adopted can now be a bit of a minefield with many detailers allowing the software to dictate the marks of the pieces with no real logic being applied. The introduction of the Strucad “Mark cat” system has enabled Peers to have more control over marking and release of model information. Multiple models can be kept within the same master model and released in phases to the works. Gone are the days of individual models for each phase of a structure. The Peers marking system is explained below with details of how it can be set up within Strucad.



Key Points:-

1. Before you start the model you need to consider how many phases you are going to use within the master model and how many release dates to the works. Lets say it's a 400 Tonne structure split into 4 distinct phases of 100 Tonne each (A,B,C & D) and 2 release dates of 200T to the works.
2. Phases A & B will be “Mark Cat” 1 & C & D will be Mark Cat 2. This means that there will be only 2 releases of fittings keeping like piece quantities high and speeding up fabrication.
3. Each Phase will ideally be delivered using 5 wagons each taking 20 Tonne. Phase B for example will be prefixed 1B, 2B, 3B, 4B & 5B etc.
4. The user attributes need to be set up for each member. e.g. Mark Cat = 1, Load (Phase) = 1A, Prefix = 1A, Finish = Spec 1.
5. The initial Mark for each prefix will also need to be set up. Phase A & B items will be initial mark 2 & Phase C & D items will be 3.
6. Once Phases A & B are complete they can be released to the works whilst continuing to model phases C & D. Loading is made easier, it is clear which items go on what trailer.
7. A meaningful marking system has made it easy to trace and identify items on and off site. The erectors can now trace each member to a specific area on the structure without the need to look at drawings. The number of rogue or missing items supplied to site has dramatically reduced, saving time & money.

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