**29\_Defining load combinations**

After defining load names or cases, it is time now to define load combinations from define menu>load combinations or from this shortcut

As usual you can add modify or delete load combinations from this window.

To add a new load combination click on add button

Here give this combination a name.

Notice that this list contains all the load cases we defined in previous lecture.

From this list you can select the load case you want to include in this combination and enter a scale factor in this box and click on add button.

For example suppose this combination is 1.2d+1.6l so we will add SW with 1.2 factor and SDL with 1.2 factor and then LL with 1.6 factor.

Make combination type here is add. Click ok.

You can define any load combination strength or service from this window.

You can also define more load combinations after analysis without opening again the model.