A Quick Guide on System Pvex (Summation)

Thank you for purchasing System Pvex ! Please follow the steps below to get started. Please refer to the operation manuals for details.

Step 1: Equipment List - - - Click "SPEEDWINDOW" icon on your screen to show A1 pop-up window. Select "SAMPLE2" Project in A1-Window to show B1-Window. Click "Item Calculation" button to show C1-Window. Equipment items to be searched and summed are listed in Item Selection ListBox in C1-Window. The original sequential order of equipment items is shown there (in SAMPLE2 Project). This sequential order is used for Excel tabulation (as shown below) unless otherwise specified by ITEMLIST. Click "Return" button to leave (back to B1-Window). Click "SUMMATION" button to show C4 Window. Select EQUIPMENT_LIST and click "SUMMATION GO" button. The Excel Macro is activated to show the Excel table as shown below.

The same sequential order

Step 2: Overlapping Item List - - - You can specify the equipment item sequential order other than specified initially. Select ITEM LIST in Pulldown menu and click "ITEMLIST,GROUP" button to show FormC3 Window.
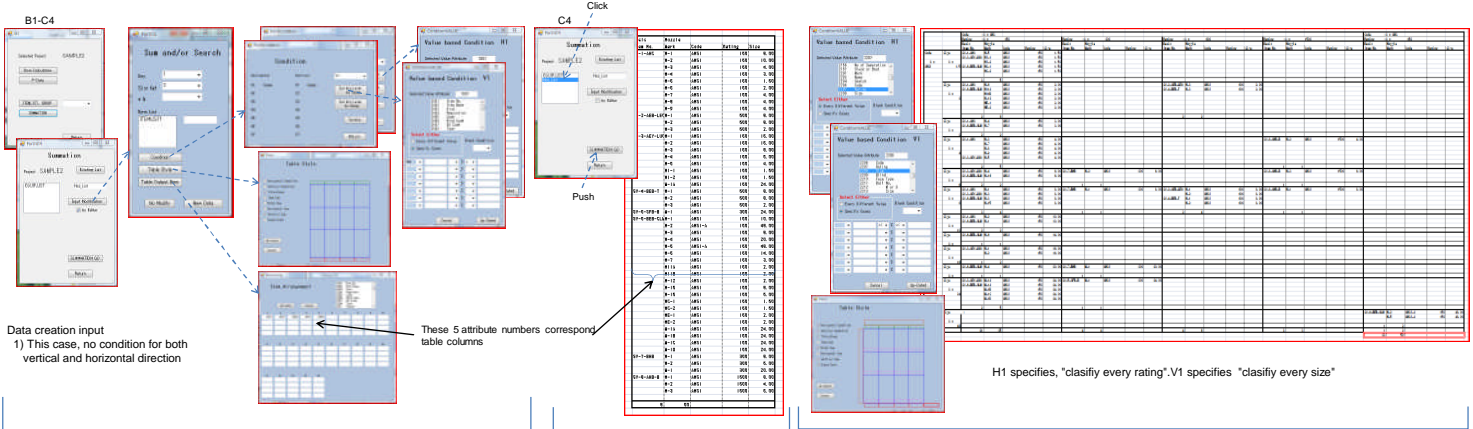Select ITEMLIST1 in ListBox and click "ItemList Modify" button to show Excel table (Original) as shown below. You can modify the sequential order in Excel table (After Modification). Select "EQUIP_LIST" in ListBox in C4-Window and click "Input Modification" button by checking "by Editor" checkbox to show Form1 Window. Also, select "ITEMLIST1" in Item List box and click "New Data" to leave (back to C4-Window). Click "SUMMATION GO" button in C4- Window.
The Excel Macro is activated to show the new Excel table as shown below.

If you want to modify existing ITEM LIST, please select it in ListBox. if you want to add a new item, please input new name.

The same sequential order

Step 3:How to Specify Nozzle Data Output - - - Click "SUMMATION" button in B1-Window when leaving Pulldown menu empty to show FormC4 Window. Select "EQUIP_LIST" and click "Input Modification" button with checking "by Editor" checkbox to show Form1 Window. You can specify table style using "Condition", "Table Style" and "Table Output Item" button. Select "Noz_List" and click "SUMMATION GO" button to show Nozzle list as shown below. You can modify Nozzle classification by Size and Rating using FormCondition Window.
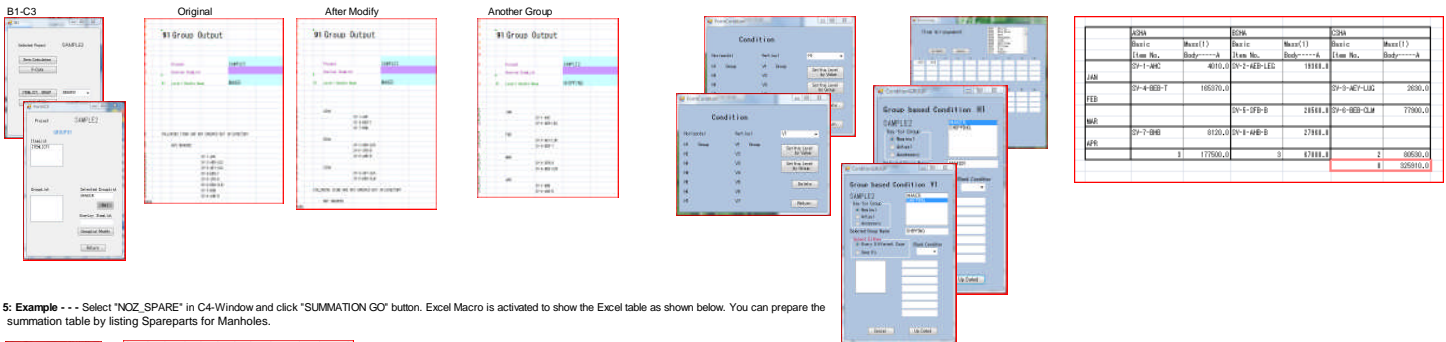

Data creation input
1) This case, no condition for both vertical and horizontal direction

These 5 attribute numbers correspond table columns

Click

Push

H1 specifies, "clasifiy every rating".V1 specifies "clasifiy every size"

Step 4:How to specify group data - - - Select "GROUP91" in B1-window and click "ITEMLIST, GROUP" button to show C3-Window. Please input group name such as MAKER and click "GroupList Modify" button. Then, Excel Macro is activated to show the original Group Output table as shown below. You can modify the grouping item by using Excel table as shown below. Likewise, please create another group named SHIPPING. By using both MAKER (A-SHA, B-SHA and C-SHA) and SHIPPING (Jan, Feb, Mar and Apr) groups, you can prepare the summation table as shown below.

Step 5: Example - - - Select "NOZ_SPARE" in C4-Window and click "SUMMATION GO" button. Excel Macro is activated to show the Excel table as shown below. You can prepare the summation table by listing Spareparts for Manholes.