

TEXT BASED "COMPLEX LINETYPES" (LIKE THE FOLLOWING) REFERENCE THE "STANDARD" TEXT STYLE. FOR THESE TO DISPLAY CORRECTLY, IT'S IMPORTANT THAT THE "CHARACTER HEIGHT" WITHIN THE "STANDARD" TEXT STYLE IS SET TO ZERO (0). IF A VALUE OTHER THAN ZERO (0) IS USED, THE TEXT WILL BE SCALED FROM THE BOTTOM LEFT CORNER OF THE TEXT, WHICH WILL AFFECT IT'S ALIGNMENT IN THE LINETYPE.

THE SIZE OF THESE LINETYPES IS CONTROLLED BY THE "COMBINED LINETYPE SCALE". THAT IS, THE GLOBAL LINETYPE SCALE x LINETYPE SCALE (OF THE LINE). FOR EXAMPLE, WE TYPICALLY USE A GLOBAL LINETYPE SCALE OF 0.3 FOR A4, A3 AND A2 DRAWINGS. IF WE WANT COMPLEX LINETYPES TO APPEAR WITH A TEXT HEIGHT OF 1.8MM, THEN WE NEED TO SET THE LINETYPE SCALE OF THE LINES TO $1.8/0.3 = 6$.

AIR AIR AIR AIR AIR AIR AIR AIR AIR AIR AIR AIR AIR AIR AIR AIR

ELECTRICITY ELECTRICITY ELECTRICITY ELECTRICITY ELECTRICITY

GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS

STEAM STEAM STEAM STEAM STEAM STEAM STEAM STEAM STEAM STEAM

WATER WATER WATER WATER WATER WATER WATER WATER WATER

GLOBAL LINETYPE SCALE x LINETYPE SCALE = 1.8 (A4, A3, A2)

AIR AIR AIR AIR AIR AIR AIR AIR AIR AIR AIR AIR AIR AIR

ELECTRICITY ELECTRICITY ELECTRICITY

GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS GAS

STEAM STEAM STEAM STEAM STEAM STEAM STEAM STEAM STEAM

WATER WATER WATER WATER WATER WATER WATER WATER WATER

GLOBAL LINETYPE SCALE x LINETYPE SCALE = 2.5 (A1, A0)

AIR AIR AIR AIR AIR AIR AIR AIR AIR

ELECTRICITY ELECTRICITY

GAS GAS GAS GAS GAS GAS GAS

STEAM STEAM STEAM STEAM STEAM

WATER WATER WATER WATER WATER

GLOBAL LINETYPE SCALE x LINETYPE SCALE = 3.5

NOTE THAT CAXA WILL ROUND THE GLOBAL LINETYPE SCALE TO THE NEAREST 10th (SINGLE) DECIMAL PLACE. FOR EXAMPLE, IF A VALUE OF 0.25 IS SET, THEN CAXA WILL ROUND DOWN TO 0.2 WHEN A LINETYPE IS NEXT SELECTED. IF A VALUE OF 0.26 IS SET, CAXA WILL ROUND UP TO 0.3 WHEN A LINETYPE IS NEXT SELECTED.