CONSYSTEX
CONCRETE SYSTEM TECHNOLOGIES

POUR RECOMMENDATIONS

Circular Tubes

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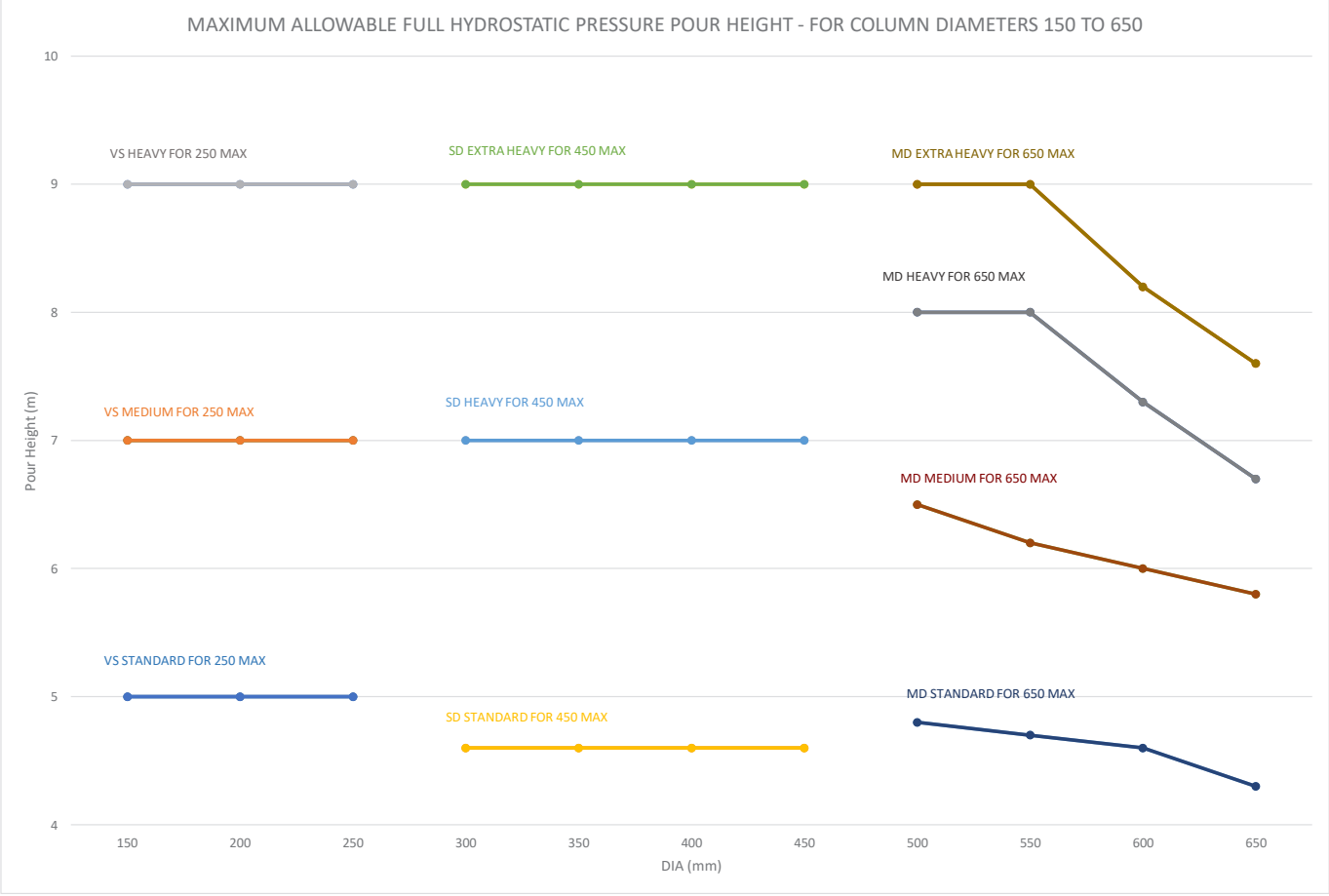
Pour Recommendations for Circular Tubes

The charts provided indicate the recommended pour methods that should be used when pouring concrete into circular tubes. Please refer to the Column Pouring Information Chart provided for numeric values for pour rates in ratio to specific values relating to the diameter and length of the tube.



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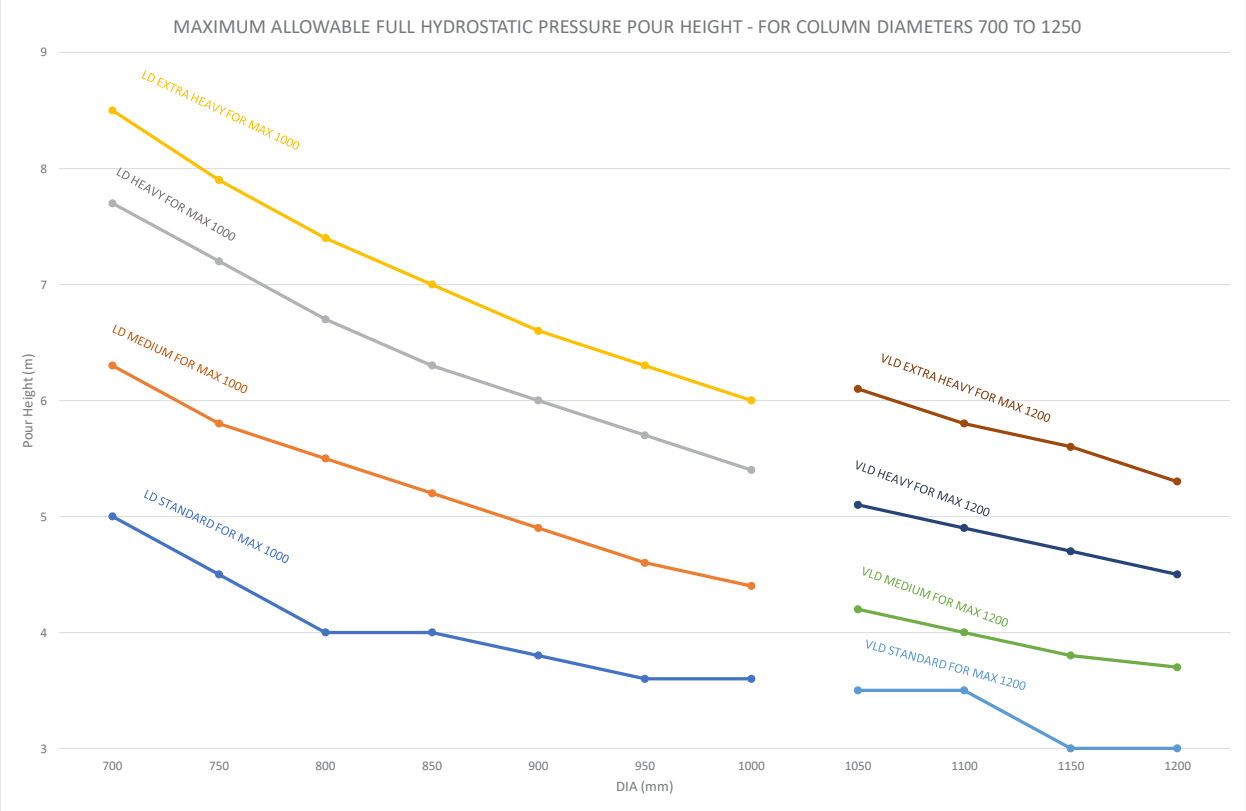

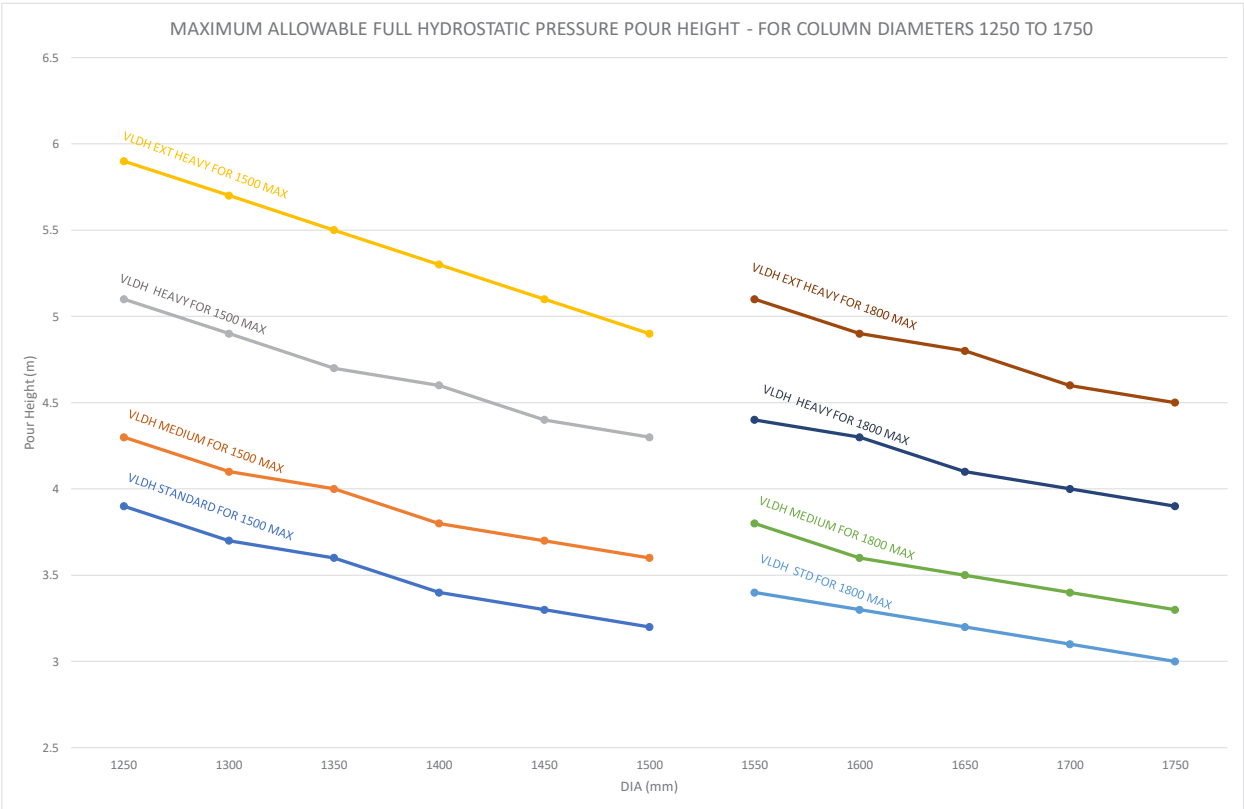

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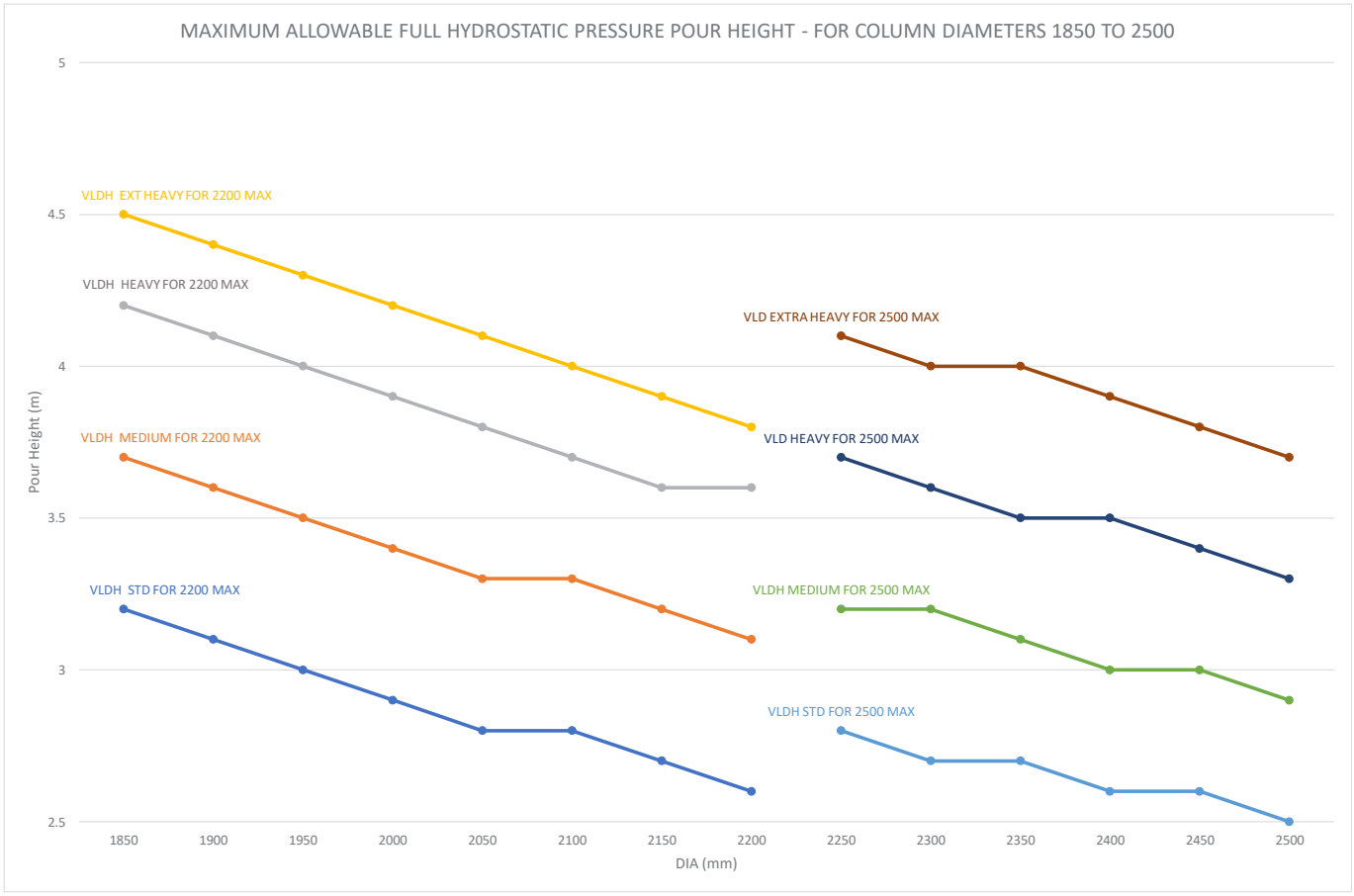

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NOTES:

1. THIS CHART PROVIDES THE STRENGTH CAPABILITY OF THE COLUMN FORM AND IT IS UP TO THE USER TO ENSURE IT IS NOT OVERLOADED PAST THAT LIMIT.
2. THIS CHART DOES NOT PROVIDE INFORMATION FOR THE SETUP OF THE COLUMN FORMS. SEE CONSYSTEX PRODUCT INFORMATION FOR THOSE DETAILS. THIS CHART ASSUMES THAT THE COLUMN FORMS ARE UNDAMAGED, DRY, HORIZONTALLY STABLE AGAINST CONSTRUCTION LOADS AND WIND, PROTECTED FROM UPLIFT, AND HAVE BEEN ERECTED BY EXPERIENCED TRADESPEOPLE ACCORDING TO THE MANUFACTURERS INSTRUCTIONS.
3. IT IS ASSUMED THAT THE COLUMN IS POURED FROM THE TOP IN A CONTROLLED MANNER BY EXPERIENCED TRADESPEOPLE. THE CONCRETE SHOULD NOT BE DROPPED FROM A GREAT HEIGHT , IT SHOULD BE PLACED AT THE LEVEL OF THE POUR. NO PUMPING FROM BELOW, NO EXERNAL VIBRATION, NO DEEP REVIBRATION OF PREVIOUSLY PLACED CONCRETE. COLUMNS MUST BE PLUMB, KEEP STEEL REO CAGE BETWEEN THE VIBRATOR AND THE FORM, POUR IS TO BE MONITORED BY EXPERIENCED FORMWORKERS AND ADJUSTED AS REQUIRED.
4. THE AS3610 PARAMETERS USED FOR THE CALCULATION OF THE LAST TWO COLUMNS OF THE CHART ARE AS AS FOLLOWS: POUR HEIGHT = COLUMN HEIGHT, CONCRETE DENSITY = 2400 KG/CUBIC M, CONCRETE TEMP = 15 DEG CEL. MINIMUM, CONCRETE C2 FACTOR = 0.6, THE C1 FACTOR IS ASSUMED TO BE 1.5 UP TO 1800 DIA, 1.25 FOR 1850 TO 1950, AND 1.0 FOR 2000 AND ABOVE. NOTE: MANY NEW TYPES OF CONRETES ARE DIFFICUULT TO ASSIGN AN AS3610 C2 FACTOR TO, IF IN DOUBT USE FULL HYDROSTATIC PRESSURE.

Regards,

Greg McSwiggan NER (Mem No. 659964) RPEQ
On behalf of
Queensland Formwork Engineers Pty Ltd

In making this certification we have relied upon the testing information supplied by Consystex and the technical information supplied by Consystex.
This certificate shall not be construed as relieving any other party of their responsibilities.

We reserve the right to issue changes to this chart at anytime. This chart certification expires in four years, at which time it should be reviewed6 in light of new regulations, work practices, and materials.