

## INCREASED GROUT LIFT HEIGHT REQUIREMENTS

The maximum height for a grout lift\* has been increased from:

**5' to 12' 8"**

\*increment of grout height within a total grout pour

3.5 D. Grout lift height - Where the following conditions are met, place grout lifts not exceeding 12.67' (3.86m)

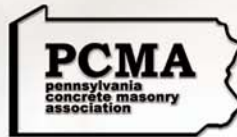
### CONDITIONS

- ⊕ The masonry must cure for at least 4 hours
- ⊕ The grout slump maintained between 10" and 11" (254mm and 279mm)
- ⊕ No intermediate reinforced bond beams are placed between the top and bottom of the pour height

Otherwise, place grout in lifts not exceeding 5' (1.52m)

Reference: ACI 530/ASCE 5/TMS 402 Building Code Requirements for Masonry Structures





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**Increasing the grout lift height from 5' to 12' 8" permits more grout to be placed at one time.**

#### ADVANTAGES INCLUDE

- ⊕ Increased overall speed of construction
- ⊕ Less reinforcement used for splices and the location of the reinforcement can be easily checked by the inspector prior to grouting. Reference: NCMA TEK 3-2A

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Technical information regarding concrete masonry is available through the National Concrete Masonry Association (NCMA). You can access this information any time on line from the home page of the Pennsylvania Concrete Masonry Association (PCMA) website [www.pacma.com](http://www.pacma.com) or through the NCMA website [www.ncma.org](http://www.ncma.org).

The PCMA website, features a listing of the producer members in Pennsylvania by location with contact information. The site also includes a listing of products and the producer members who can provide these products for you.

[www.pacma.com](http://www.pacma.com)

**PCMA**