Discussion

Establishment of Minimum Acceptance Criterion for Strand Bond as Measured by ASTM A1081

I believe a clarification is needed in the May–June 2016 *PCI Journal* article titled "Establishment of Minimum Acceptance Criterion for Strand Bond as Measured by ASTM A1081" by Kyle A. Riding, Robert J. Peterman, and Thomaida Polydorou.[1] Please clarify whether the pull-out values apply only to ½ in. (13 mm) diameter strand. If that is the case, what is the status of establishing criteria for other strand diameters?

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Reference

1. Riding, Kyle A., Robert J. Peterman, and Thomaida Polydorou. 2016. "Establishment of Minimum Acceptance Criterion for Strand Bond as Measured by ASTM A1081." *PCI Journal* 61 (3): 86–103.

Authors' response

The pull-out values described in "Establishment of Minimum Acceptance Criterion for Strand Bond as Measured by ASTM A1081"apply to ½ in. (13 mm) diameter strand.[1] Values for other strand diameters could be calculated using an equivalent bond stress to the ½ in. diameter strand; however, experimental verification of strand bond for strands larger than ½ in. was beyond the scope of this project.

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Reference

1. Riding, Kyle A., Robert J. Peterman, and Thomaida Polydorou. 2016. "Establishment of Minimum Acceptance Criterion for Strand Bond as Measured by ASTM A1081." *PCI Journal* 61 (3): 86–103.

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UNITED STATES POSTAL SERVICE® **Statement of Ownership, Management, and Circulation (All Periodicals Publications Except Requester Publications)**

1. Publication Title	2. Publication Number	3. Filing Date
PCI Journal	6 6 – 1 6 9 0	9/26/16
4. Issue Frequency	5. Number of Issues Published Annually	6. Annual Subscription Price
bi-monthly	six	US $80, Foreign $170

7. Complete Mailing Address of Known Office of Publication *(Not printer) (Street, city, county, state, and ZIP+4®)*
Precast/Prestressed Concrete Institute
200 West Adams St., Suite 2100
Chicago, IL 60606

Contact Person: Emily Lorenz
Telephone *(Include area code)*: 312-786-0300

8. Complete Mailing Address of Headquarters or General Business Office of Publisher *(Not printer)*
Precast/Prestressed Concrete Institute 200 West Adams St., Suite 2100 Chicago, IL 60606

9. Full Names and Complete Mailing Addresses of Publisher, Editor, and Managing Editor *(Do not leave blank)*
Publisher *(Name and complete mailing address)*
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Editor *(Name and complete mailing address)*
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13. Publication Title: PCI Journal	14. Issue Date for Circulation Data Below: September-October 2016	
15. Extent and Nature of Circulation	Average No. Copies Each Issue During Preceding 12 Months	No. Copies of Single Issue Published Nearest to Filing Date
a. Total Number of Copies *(Net press run)*	8426	8380
b. Paid Circulation *(By Mail and Outside the Mail)* (1) Mailed Outside-County Paid Subscriptions Stated on PS Form 3541 (Include paid distribution above nominal rate, advertiser's proof copies, and exchange copies)	6757	6690
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g. Copies not Distributed *(See Instructions to Publishers #4 (page #3))* ▶	1569	1590
h. Total *(Sum of 15f and g)*	8426	8380
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