



REQUEST FOR INFORMATION

RFI-18

RULEBOOK SECTION:	5.7.4.		
SUBJECT:	Sizing of concrete test cylinders		
DATE:	2024-12-03		
RFI DESCRIPTION			
DESCRIPTION OF ISSUE / REASON FOR REQUEST:			
<p>The rules require the use of 100mmx 200mm cylinders, however as our team is using a UHPC concrete the pertinent standard is ASTM C1856 which allows for use of 75 mm x 150 mm cylinders. As such can we cast 75 mm x 150 mm cylinders for testing instead of the specified 100 mm x 200 mm?</p>			
ATTACHMENT:	N/A		
ADDITIONAL COMMENTS:	N/A		
RFI RESPONSE			
RESPONSE FROM OC:			
<p>While ASTM C1856 allows for 75 mm x 150 mm cylinders for UHPC, the competition rules require all test cylinders to be 100 mm x 200 mm, as specified in Section 5.7.4. These dimensions ensure consistency and compatibility with the compressive strength testing procedure (CSA A23.2-9C).</p> <p>UHPC concrete can still be cast and tested using 100 mm x 200 mm cylinders. We strongly recommend that you test using this size to ensure your predictions align with the compressive strength results obtained during the competition. Testing with the required size will help avoid discrepancies and ensure accurate validation of your calculations.</p>			
RESPONSE FROM:	Bruna Guarino Moraes, VP of Technical	DATE:	2024-12-09