





Rotameter calibration curve CM3215 Fall 2015

Station	Names	Q(gpm) vs R(% full scale)	Time/ Section
1			9A
2	Brian Bartell Nick Carlson	$Q(\text{gpm}) = 0.0484(\%) - 0.0441$	9A
3	Richard Louys Caleb Korson	$Q(\text{gpm}) = 0.0497(\%) - 0.0479$	9A
4	Amber Tobayek Sara Wolk	$Q(\text{gpm}) = 0.0503(\%) - 0.0053$	9A
5	Lifan Zhou Michael Balkowski	$Q(\text{gpm}) = 0.0492\% - 0.1253$	9A
6	Michael Balkowski Brandon Ballard	$Q(\text{gpm}) = 0.050(\%) - 0.107$	9A
7	Kiersten Johnson Andrew DeLong	$Q(\text{gpm}) = 0.0504(\%) - 0.0854$	9A
8			9A
9	Jimmy Krueger Nicole Field	$Q(\text{gpm}) = 0.048(\%) - 0.0009$	9A
10	Deek Ballou Austin Conn	$Q(\text{gpm}) = 0.0474 R(\%) - 0.0005$	9A

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Station	Names	Q(gpm) vs R(% full scale)	Time/ Section
1	Mike Oates Andrew Hubbal	$Q(\text{gpm}) = 0.0473 R(\%) + 0.0188$	9B
2	Ryan Oshe Jakob newards	$Q(\text{gpm}) = 0.0479x - 0.1093$	9B
3	Kris seelman Robert Simon	$Q(\text{gpm}) = 0.0499 R(\%) - 0.3438$	9B
4	Melissa Stedding Brandon Talaska	$Q(\text{gpm}) = 0.049 R\% - 0.014$	9B
5	_____	_____	9B
6	Mark Gibson Blake Fischer	$Q(\text{gpm}) = 0.0499 R(\%) - 0.0655$	9B
7	Aaron Krieg Hannah Townsend	$Q(\text{gpm}) = 0.0351 (R\%) - 0.5193$	9B
8	_____	_____	9B
9	Jeremy Berner Devon Wickman	$Q(\text{gpm}) = 0.0464 (R\%) + 0.053$	9B
10	Julia Zayan Ethan Nagy	$Q(\text{gpm}) = 0.0476x + 0.0124$	9B

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Station	Names	Q(gpm) vs R(% full scale)	Time/ Section
1	_____	_____	1A
2	Maggie Hildebrandt Alex Gietek	$Q(gpm) = 0.049 \left( \frac{gpm}{\%} \right) - 0.0759$	1A
3	Jeanette Kussow Whitney Niedzielski	$Q(gpm) = (0.00515 \pm 0.0009)(\%)$ $- (0.0322 \pm 0.04)$	1A
4	_____	_____	1A
5	Kare Rosner Caroline Spezia	$Q = 0.00463 R - 0.744$	1A
6	Samantha Wilczewski Travis Wigstrom	$Q(gpm) = 0.0509(\%) - 0.0982$	1A
7	Matt Moreman Beth Merz	$Q(gpm) = 0.488(R\%) - 0.0705$	1A
8	Allison Schnabrich Dessa Pazel	$Q(gpm) = 0.0491 R (\% flow)$ $+ 0.745$	1A
9	_____	_____	1A
10	Mark Malocha Chris Blevins	$Q = 0.04835 \left( \frac{gpm}{\%} \right) - 0.1135 gpm$	1A

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Station	Names	Q(gpm) vs R(% full scale)	Time/ Section
1			1B
2			1B
3	Thao Duong Xi Chen	$Q(\text{gpm}) = 0.0483 R \% - 0.0163$	1B
4			1B
5			1B
6	Michael Turki Austin Weick	$0.0507 R \% - 0.122 = Q(\text{gpm})$	1B
7	Nate Blaszak Daniel Kulas	$Q = 0.0495 (R\%) - 0.02$	1B
8	Jennifer Lentner Erin Knoeck	$Q(\text{gpm}) = 0.0476 (R\%) - 0.013$	1B
9			1B
10	Danielle Alexander Michael Archambo	$Q = 0.0459 R - 0.0598$	1B

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Station	Names	Q(gpm) vs R(% full scale)	Time/ Section
1	_____	_____	3A
2	Mark DeFouw Ben Gresko	$Q = 0.0479R - 0.1172$	3A
3	Tyler Hammond Chris Glazier	$Q = 0.0479R + 0.0455$	3A
4	Gabriel Hartman Sam Kane	$Q = 0.0509R(%) - 0.05$	3A
5	Ej Neubert Sheldon Ritt	$Q(gpm) = 0.0497 \times (\%) - 0.133$	3A
6	Ryan Smith Guy Smith	$Q = 0.0496R - 0.0958 \text{ gpm}$	3A
7	Nate Hestline Steven Raboin	$Q = 0.0489R - 0.0498 \text{ gpm}$	3A
8	Katie Smeberg Abbie Payne	$Q(gpm) = 0.0489(\%) - 0.0498$	3A
9	JOSEPH PETERSON Joel VanLanen	$Q(gpm) = 0.0476(\%) - 0.0026$	3A
10	Joel Reckard David Van Bergen	$Q(gpm) = 0.0468\% + 0.0427 \text{ gpm}$	3A