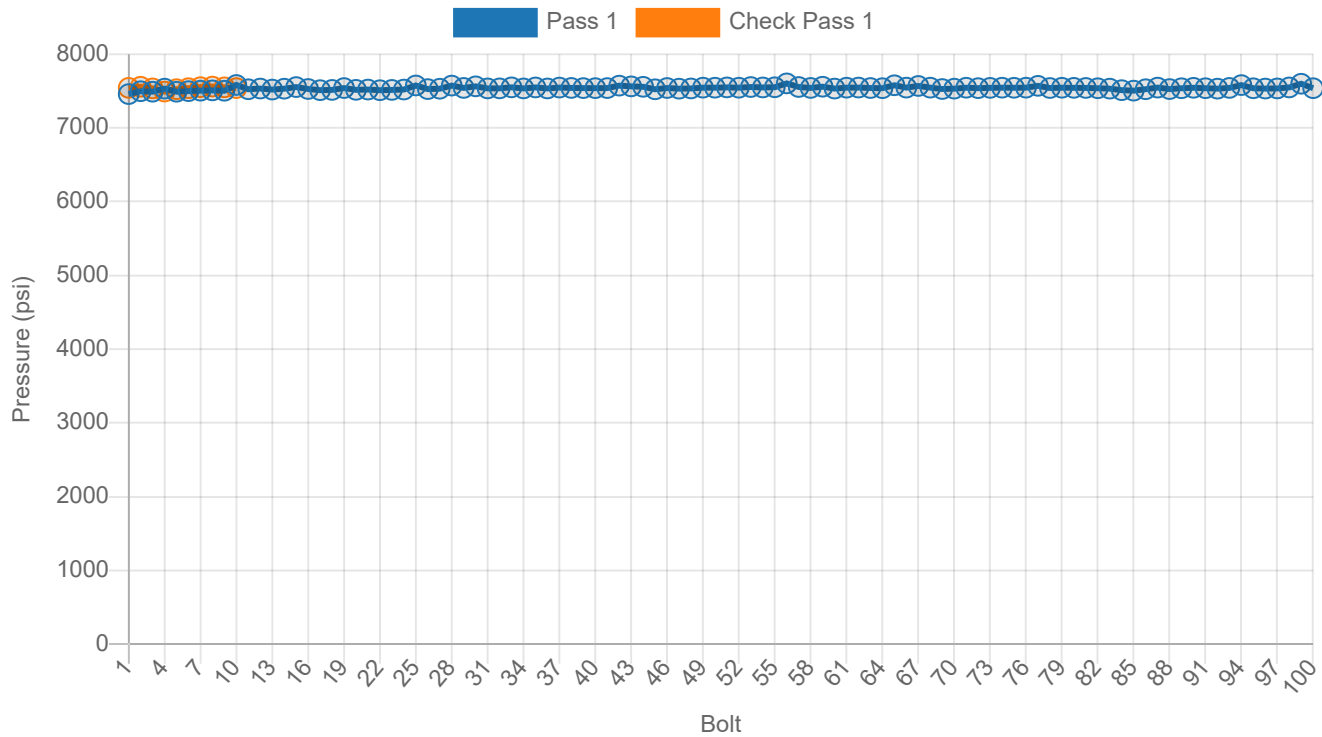


Chart



Job properties

Name	Team	Project
Wind Tower 112	Torq-Comm Intern	Buffalo Plains Win
Torque assembly	Pass count	Torque wrench
Tower Base	1	Hytorc Stealth 4

Status	Start date	Finish date
	8/12/24	8/12/24
Latitude	Longitude	
34.2342578 °	-118.2252766 °	

Torque assembly properties

Flange	Flange standard	Flange pipe diameter
Flange working pressure	Bolt	Bolt diameter
Bolt thread pitch	Bolt material	Min yield strength
Lubricant	Coefficient of friction	Bolt pattern
Bolt count	Target torque	Target percent yield
100	3000 lbf-ft	
Target tension		
0 lbf		

Traceability data points

Event	Pass	Bolt	Name	Value	Capture date
◀▶ ▲▼					

Bolt data points

Operator	Bolt	Status	Pass	Target pressure	Pressure	Torque	Capture date	Torque wrench	
Rick Iannello	1	Tightened	1	7505 psi	7458 psi	2993 lbf-ft	8/12/24, 5:27 PM	Hytorc Stealth 4	
Rick Iannello	2	Tightened	1	7505 psi	7497 psi	3009 lbf-ft	8/12/24, 5:27 PM	Hytorc Stealth 4	
Rick Iannello	3	Tightened	1	7505 psi	7491 psi	3006 lbf-ft	8/12/24, 5:27 PM	Hytorc Stealth 4	
Rick Iannello	4	Tightened	1	7505 psi	7532 psi	3011 lbf-ft	8/12/24, 5:27 PM	Hytorc Stealth 4	
Rick Iannello	5	Tightened	1	7505 psi	7490 psi	3006 lbf-ft	8/12/24, 5:27 PM	Hytorc Stealth 4	
Rick Iannello	6	Tightened	1	7505 psi	7498 psi	3009 lbf-ft	8/12/24, 5:27 PM	Hytorc Stealth 4	
Rick Iannello	7	Tightened	1	7505 psi	7505 psi	3000 lbf-ft	8/12/24, 5:27 PM	Hytorc Stealth 4	
Rick Iannello	8	Tightened	1	7505 psi	7509 psi	3002 lbf-ft	8/12/24, 5:27 PM	Hytorc Stealth 4	
Rick Iannello	9	Tightened	1	7505 psi	7504 psi	3000 lbf-ft	8/12/24, 5:27 PM	Hytorc Stealth 4	
Rick Iannello	10	Tightened	1	7505 psi	7582 psi	3031 lbf-ft	8/12/24, 5:28 PM	Hytorc Stealth 4	
Rick Iannello	11	Tightened	1	7505 psi	7524 psi	3008 lbf-ft	8/12/24, 5:28 PM	Hytorc Stealth 4	
Rick Iannello	12	Tightened	1	7505 psi	7533 psi	3012 lbf-ft	8/12/24, 5:28 PM	Hytorc Stealth 4	
Rick Iannello	13	Tightened	1	7505 psi	7520 psi	3006 lbf-ft	8/12/24, 5:28 PM	Hytorc Stealth 4	
Rick Iannello	14	Tightened	1	7505 psi	7532 psi	3011 lbf-ft	8/12/24, 5:28 PM	Hytorc Stealth 4	
Rick Iannello	15	Tightened	1	7505 psi	7554 psi	3020 lbf-ft	8/12/24, 5:28 PM	Hytorc Stealth 4	
Rick Iannello	16	Tightened	1	7505 psi	7528 psi	3009 lbf-ft	8/12/24, 5:28 PM	Hytorc Stealth 4	
Rick Iannello	17	Tightened	1	7505 psi	7512 psi	3003 lbf-ft	8/12/24, 5:28 PM	Hytorc Stealth 4	
Rick Iannello	18	Tightened	1	7505 psi	7515 psi	3004 lbf-ft	8/12/24, 5:28 PM	Hytorc Stealth	

Operator	Bolt	Status	Pass	Target pressure	Pressure	Torque	Capture date	Torque wrench	
								4	
Rick Iannello	19	Tightened	1	7505 psi	7540 psi	3014 lbf-ft	8/12/24, 5:28 PM	Hytorc Stealth 4	
Rick Iannello	20	Tightened	1	7505 psi	7516 psi	3005 lbf-ft	8/12/24, 5:30 PM	Hytorc Stealth 4	
Rick Iannello	21	Tightened	1	7505 psi	7520 psi	3006 lbf-ft	8/12/24, 5:30 PM	Hytorc Stealth 4	
Rick Iannello	22	Tightened	1	7505 psi	7511 psi	3003 lbf-ft	8/12/24, 5:30 PM	Hytorc Stealth 4	
Rick Iannello	23	Tightened	1	7505 psi	7515 psi	3004 lbf-ft	8/12/24, 5:30 PM	Hytorc Stealth 4	
Rick Iannello	24	Tightened	1	7505 psi	7520 psi	3006 lbf-ft	8/12/24, 5:30 PM	Hytorc Stealth 4	
Rick Iannello	25	Tightened	1	7505 psi	7575 psi	3028 lbf-ft	8/12/24, 5:30 PM	Hytorc Stealth 4	
Rick Iannello	26	Tightened	1	7505 psi	7526 psi	3009 lbf-ft	8/12/24, 5:30 PM	Hytorc Stealth 4	
Rick Iannello	27	Tightened	1	7505 psi	7531 psi	3011 lbf-ft	8/12/24, 5:30 PM	Hytorc Stealth 4	
Rick Iannello	28	Tightened	1	7505 psi	7574 psi	3028 lbf-ft	8/12/24, 5:30 PM	Hytorc Stealth 4	
Rick Iannello	29	Tightened	1	7505 psi	7542 psi	3015 lbf-ft	8/12/24, 5:30 PM	Hytorc Stealth 4	
Rick Iannello	30	Tightened	1	7505 psi	7564 psi	3024 lbf-ft	8/12/24, 5:30 PM	Hytorc Stealth 4	
Rick Iannello	31	Tightened	1	7505 psi	7535 psi	3012 lbf-ft	8/12/24, 5:30 PM	Hytorc Stealth 4	
Rick Iannello	32	Tightened	1	7505 psi	7536 psi	3012 lbf-ft	8/12/24, 5:31 PM	Hytorc Stealth 4	
Rick Iannello	33	Tightened	1	7505 psi	7550 psi	3018 lbf-ft	8/12/24, 5:31 PM	Hytorc Stealth 4	
Rick Iannello	34	Tightened	1	7505 psi	7535 psi	3012 lbf-ft	8/12/24, 5:31 PM	Hytorc Stealth 4	
Rick Iannello	35	Tightened	1	7505 psi	7549 psi	3018 lbf-ft	8/12/24, 5:31 PM	Hytorc Stealth 4	

Operator	Bolt	Status	Pass	Target pressure	Pressure	Torque	Capture date	Torque wrench	
Rick Iannello	36	Tightened	1	7505 psi	7535 psi	3012 lbf-ft	8/12/24, 5:31 PM	Hytorc Stealth 4	
Rick Iannello	37	Tightened	1	7505 psi	7547 psi	3017 lbf-ft	8/12/24, 5:31 PM	Hytorc Stealth 4	
Rick Iannello	38	Tightened	1	7505 psi	7542 psi	3015 lbf-ft	8/12/24, 5:31 PM	Hytorc Stealth 4	
Rick Iannello	39	Tightened	1	7505 psi	7540 psi	3014 lbf-ft	8/12/24, 5:31 PM	Hytorc Stealth 4	
Rick Iannello	40	Tightened	1	7505 psi	7539 psi	3014 lbf-ft	8/12/24, 5:31 PM	Hytorc Stealth 4	
Rick Iannello	41	Tightened	1	7505 psi	7540 psi	3014 lbf-ft	8/12/24, 5:31 PM	Hytorc Stealth 4	
Rick Iannello	42	Tightened	1	7505 psi	7573 psi	3027 lbf-ft	8/12/24, 5:31 PM	Hytorc Stealth 4	
Rick Iannello	43	Tightened	1	7505 psi	7563 psi	3023 lbf-ft	8/12/24, 5:32 PM	Hytorc Stealth 4	
Rick Iannello	44	Tightened	1	7505 psi	7557 psi	3021 lbf-ft	8/12/24, 5:32 PM	Hytorc Stealth 4	
Rick Iannello	45	Tightened	1	7505 psi	7524 psi	3008 lbf-ft	8/12/24, 5:32 PM	Hytorc Stealth 4	
Rick Iannello	46	Tightened	1	7505 psi	7541 psi	3014 lbf-ft	8/12/24, 5:32 PM	Hytorc Stealth 4	
Rick Iannello	47	Tightened	1	7505 psi	7532 psi	3011 lbf-ft	8/12/24, 5:32 PM	Hytorc Stealth 4	
Rick Iannello	48	Tightened	1	7505 psi	7535 psi	3012 lbf-ft	8/12/24, 5:32 PM	Hytorc Stealth 4	
Rick Iannello	49	Tightened	1	7505 psi	7546 psi	3016 lbf-ft	8/12/24, 5:32 PM	Hytorc Stealth 4	
Rick Iannello	50	Tightened	1	7505 psi	7545 psi	3016 lbf-ft	8/12/24, 5:32 PM	Hytorc Stealth 4	
Rick Iannello	51	Tightened	1	7505 psi	7549 psi	3018 lbf-ft	8/12/24, 5:32 PM	Hytorc Stealth 4	
Rick Iannello	52	Tightened	1	7505 psi	7545 psi	3016 lbf-ft	8/12/24, 5:32 PM	Hytorc Stealth 4	
Rick Iannello	53	Tightened	1	7505 psi	7554 psi	3020 lbf-ft	8/12/24, 5:33 PM	Hytorc Stealth	

Operator	Bolt	Status	Pass	Target pressure	Pressure	Torque	Capture date	Torque wrench	
								4	
Rick Iannello	54	Tightened	1	7505 psi	7549 psi	3018 lbf-ft	8/12/24, 5:33 PM	Hytorc Stealth 4	
Rick Iannello	55	Tightened	1	7505 psi	7551 psi	3019 lbf-ft	8/12/24, 5:33 PM	Hytorc Stealth 4	
Rick Iannello	56	Tightened	1	7505 psi	7604 psi	3040 lbf-ft	8/12/24, 5:33 PM	Hytorc Stealth 4	
Rick Iannello	57	Tightened	1	7505 psi	7555 psi	3020 lbf-ft	8/12/24, 5:33 PM	Hytorc Stealth 4	
Rick Iannello	58	Tightened	1	7505 psi	7542 psi	3015 lbf-ft	8/12/24, 5:33 PM	Hytorc Stealth 4	
Rick Iannello	59	Tightened	1	7505 psi	7558 psi	3021 lbf-ft	8/12/24, 5:33 PM	Hytorc Stealth 4	
Rick Iannello	60	Tightened	1	7505 psi	7533 psi	3011 lbf-ft	8/12/24, 5:33 PM	Hytorc Stealth 4	
Rick Iannello	61	Tightened	1	7505 psi	7545 psi	3016 lbf-ft	8/12/24, 5:34 PM	Hytorc Stealth 4	
Rick Iannello	62	Tightened	1	7505 psi	7547 psi	3017 lbf-ft	8/12/24, 5:34 PM	Hytorc Stealth 4	
Rick Iannello	63	Tightened	1	7505 psi	7541 psi	3014 lbf-ft	8/12/24, 5:34 PM	Hytorc Stealth 4	
Rick Iannello	64	Tightened	1	7505 psi	7539 psi	3014 lbf-ft	8/12/24, 5:34 PM	Hytorc Stealth 4	
Rick Iannello	65	Tightened	1	7505 psi	7578 psi	3029 lbf-ft	8/12/24, 5:34 PM	Hytorc Stealth 4	
Rick Iannello	66	Tightened	1	7505 psi	7546 psi	3017 lbf-ft	8/12/24, 5:34 PM	Hytorc Stealth 4	
Rick Iannello	67	Tightened	1	7505 psi	7569 psi	3026 lbf-ft	8/12/24, 5:34 PM	Hytorc Stealth 4	
Rick Iannello	68	Tightened	1	7505 psi	7546 psi	3016 lbf-ft	8/12/24, 5:34 PM	Hytorc Stealth 4	
Rick Iannello	69	Tightened	1	7505 psi	7527 psi	3009 lbf-ft	8/12/24, 5:35 PM	Hytorc Stealth 4	
Rick Iannello	70	Tightened	1	7505 psi	7532 psi	3011 lbf-ft	8/12/24, 5:35 PM	Hytorc Stealth 4	

Operator	Bolt	Status	Pass	Target pressure	Pressure	Torque	Capture date	Torque wrench	
Rick Iannello	71	Tightened	1	7505 psi	7545 psi	3016 lbf-ft	8/12/24, 5:35 PM	Hytorc Stealth 4	
Rick Iannello	72	Tightened	1	7505 psi	7539 psi	3014 lbf-ft	8/12/24, 5:36 PM	Hytorc Stealth 4	
Rick Iannello	73	Tightened	1	7505 psi	7543 psi	3015 lbf-ft	8/12/24, 5:36 PM	Hytorc Stealth 4	
Rick Iannello	74	Tightened	1	7505 psi	7545 psi	3016 lbf-ft	8/12/24, 5:36 PM	Hytorc Stealth 4	
Rick Iannello	75	Tightened	1	7505 psi	7544 psi	3016 lbf-ft	8/12/24, 5:36 PM	Hytorc Stealth 4	
Rick Iannello	76	Tightened	1	7505 psi	7545 psi	3016 lbf-ft	8/12/24, 5:36 PM	Hytorc Stealth 4	
Rick Iannello	77	Tightened	1	7505 psi	7570 psi	3026 lbf-ft	8/12/24, 5:36 PM	Hytorc Stealth 4	
Rick Iannello	78	Tightened	1	7505 psi	7541 psi	3014 lbf-ft	8/12/24, 5:36 PM	Hytorc Stealth 4	
Rick Iannello	79	Tightened	1	7505 psi	7545 psi	3016 lbf-ft	8/12/24, 5:36 PM	Hytorc Stealth 4	
Rick Iannello	80	Tightened	1	7505 psi	7543 psi	3015 lbf-ft	8/12/24, 5:36 PM	Hytorc Stealth 4	
Rick Iannello	81	Tightened	1	7505 psi	7542 psi	3015 lbf-ft	8/12/24, 5:36 PM	Hytorc Stealth 4	
Rick Iannello	82	Tightened	1	7505 psi	7537 psi	3013 lbf-ft	8/12/24, 5:36 PM	Hytorc Stealth 4	
Rick Iannello	83	Tightened	1	7505 psi	7532 psi	3011 lbf-ft	8/12/24, 5:37 PM	Hytorc Stealth 4	
Rick Iannello	84	Tightened	1	7505 psi	7512 psi	3003 lbf-ft	8/12/24, 5:38 PM	Hytorc Stealth 4	
Rick Iannello	85	Tightened	1	7505 psi	7505 psi	3000 lbf-ft	8/12/24, 5:38 PM	Hytorc Stealth 4	
Rick Iannello	86	Tightened	1	7505 psi	7524 psi	3008 lbf-ft	8/12/24, 5:38 PM	Hytorc Stealth 4	
Rick Iannello	87	Tightened	1	7505 psi	7546 psi	3017 lbf-ft	8/12/24, 5:38 PM	Hytorc Stealth 4	
Rick Iannello	88	Tightened	1	7505 psi	7526 psi	3009 lbf-ft	8/12/24, 5:38 PM	Hytorc Stealth	

Operator	Bolt	Status	Pass	Target pressure	Pressure	Torque	Capture date	Torque wrench	
								4	
Rick Iannello	89	Tightened	1	7505 psi	7538 psi	3013 lbf-ft	8/12/24, 5:38 PM	Hytorc Stealth 4	
Rick Iannello	90	Tightened	1	7505 psi	7544 psi	3016 lbf-ft	8/12/24, 5:38 PM	Hytorc Stealth 4	
Rick Iannello	91	Tightened	1	7505 psi	7538 psi	3013 lbf-ft	8/12/24, 5:38 PM	Hytorc Stealth 4	
Rick Iannello	92	Tightened	1	7505 psi	7532 psi	3011 lbf-ft	8/12/24, 5:38 PM	Hytorc Stealth 4	
Rick Iannello	93	Tightened	1	7505 psi	7542 psi	3015 lbf-ft	8/12/24, 5:38 PM	Hytorc Stealth 4	
Rick Iannello	94	Tightened	1	7505 psi	7580 psi	3030 lbf-ft	8/12/24, 5:38 PM	Hytorc Stealth 4	
Rick Iannello	95	Tightened	1	7505 psi	7538 psi	3013 lbf-ft	8/12/24, 5:38 PM	Hytorc Stealth 4	
Rick Iannello	96	Tightened	1	7505 psi	7533 psi	3011 lbf-ft	8/12/24, 5:38 PM	Hytorc Stealth 4	
Rick Iannello	97	Tightened	1	7505 psi	7535 psi	3012 lbf-ft	8/12/24, 5:39 PM	Hytorc Stealth 4	
Rick Iannello	98	Tightened	1	7505 psi	7549 psi	3018 lbf-ft	8/12/24, 5:39 PM	Hytorc Stealth 4	
Rick Iannello	99	Tightened	1	7505 psi	7599 psi	3038 lbf-ft	8/12/24, 5:39 PM	Hytorc Stealth 4	
Rick Iannello	100	Tightened	1	7505 psi	7538 psi	3013 lbf-ft	8/12/24, 5:39 PM	Hytorc Stealth 4	
Rick Iannello	1	Tightened	CP 1	7505 psi	7543 psi	3015 lbf-ft	8/12/24, 5:39 PM	Hytorc Stealth 4	
Rick Iannello	2	Tightened	CP 1	7505 psi	7558 psi	3021 lbf-ft	8/12/24, 5:39 PM	Hytorc Stealth 4	
Rick Iannello	3	Tightened	CP 1	7505 psi	7536 psi	3012 lbf-ft	8/12/24, 5:39 PM	Hytorc Stealth 4	
Rick Iannello	4	Tightened	CP 1	7505 psi	7493 psi	3007 lbf-ft	8/12/24, 5:40 PM	Hytorc Stealth 4	
Rick Iannello	5	Tightened	CP 1	7505 psi	7525 psi	3008 lbf-ft	8/12/24, 5:40 PM	Hytorc Stealth 4	

Operator	Bolt	Status	Pass	Target pressure	Pressure	Torque	Capture date	Torque wrench	
Rick Iannello	6	Tightened	CP 1	7505 psi	7539 psi	3014 lbf-ft	8/12/24, 5:40 PM	Hytorc Stealth 4	
Rick Iannello	7	Tightened	CP 1	7505 psi	7552 psi	3019 lbf-ft	8/12/24, 5:40 PM	Hytorc Stealth 4	
Rick Iannello	8	Tightened	CP 1	7505 psi	7560 psi	3022 lbf-ft	8/12/24, 5:40 PM	Hytorc Stealth 4	
Rick Iannello	9	Tightened	CP 1	7505 psi	7550 psi	3018 lbf-ft	8/12/24, 5:41 PM	Hytorc Stealth 4	
Rick Iannello	10	Tightened	CP 1	7505 psi	7540 psi	3014 lbf-ft	8/12/24, 5:41 PM	Hytorc Stealth 4	

Bolt image data points

Pass	Bolt	Image	Operator	Capture date	