



INSPECTION, TEST & CALIBRATION CERTIFICATE

Model : KX-16

Receive Date : 2020/06/01

Description : Double-Acting, Hex. Cassette Wrenches,
Lightweight, Low profile & Slim Nose Radius

Report Date : 2020/06/05

Serial No. : P08061103-11

Certification :

Test Point	Clockwise Reading (Nm.)				Reading Difference e (%)	Reading Repeatability R (%)	Counterclockwise Reading (Nm.)				Reading Difference e (%)	Reading Repeatability R (%)
	1	2	3	Average			1	2	3	Average		
bar	1	2	3	Average	e (%)	R (%)	1	2	3	Average	e (%)	R (%)
100	3310	3315	3318	3314	0.1	100	3330	3313	3323	3322	0.2	99
200	6600	6612	6630	6614	0.2	100	6634	6611	6623	6622.6666667	0.1	100
300	9940	9960	9955	9952	0.1	100	9960	9940	9945	9948.3333333	0.1	100
400	13300	13350	13340	13330	0.2	100	13350	13328	13332	13336.6666667	0.1	100
500	16650	16680	16677	16669	0.1	100	16682	16670	16660	16670.6666667	0.0	100
600	20215	20190	20202	20202	0.0	100	20200	20225	20100	20175	0.2	99
700	23175	23180	23160	23172	0.0	100	23182	23170	23165	23172.3333333	0.0	100

Calibration Equipment :

	Description	Model	Serial No.	Transduce	Torque Tool Tester	Traceability	Tracking No.	Due Date
	5000ft/lbs(6780NM/691kgf) 0~5000ft/lbs Torque Test Machine	SW-6KQT	Q10	Norba Part No.50630 S/O.34590	Norbar Part No.43228 S/O.62505	KABO TOOL Co. (2416)	LR1100004	2021-06-05
V	22200ft/lbs(30000NM/3070kgf) 0~30000NM Torque Test Machine	SW-30KQT	Q11	MTM T53-30kN.m S/O.110201	Rinstrum R320 S/O.3302559	China Shipping Industrial Head Company No.704 Research Institute (L1059)	【2011】0104	2021-06-05

Tester : Chi Ho Li

Reviewer : Vicent Fung





INSPECTION, TEST & CALIBRATION CERTIFICATE

Model : KU-8

Receive Date : 2021/03/13

Description : Square Drive Wrenches,
Lightweight High Power Wrench for Sockets or Allen-key

Report Date : 2021/03/13

Serial No. : 13111105

Certification : This is to confirm that the hydraulic torque wrench supplied has been found to conform to the following standard and specification.

Test Point	Clockwise Reading (N.m)				Reading Repeatability	Counterclockwise Reading (N.m)				Reading Repeatability
	1	2	3	Average		1	2	3	Average	
bar					R (%)					R (%)
100	1354	1350	1346	1350	1%	1344	1352	1338	1344.7	1%
200	2708	2700	2692	2700	1%	2698	2690	2694	2694	0%
300	4046	4038	4044	4043	0%	4036	4040	4038	4038	0%
400	5446	5458	5452	5452	0%	5452	5464	5460	5458.7	0%
500	6860	6852	6870	6861	0%	6858	6866	6858	6860.7	0%
600	8168	8162	8168	8166	0%	8152	8150	8150	8150.7	0%
700	9380	9370	9360	9370	0%	9382	9372	9386	9380	0%

Calibration Equipment :

	Description	Model	Serial No.	Transduce	Torque Tool Tester	Traceability	Tracking No.	Cal. Date/ Val Date
	6780 Nm (5000 lbf.ft / 691 kgf.m) (0-5000) Nm Torque Test Machine	SW-6KQT	Q10	Norba Part No.50630 S/O.34590	Norbar Part No.43228 S/O.62505	China Shipping Industrial Head Company No.704 Research Institute (L1059)	BG-JZ-2015-6464-1063	2021/03/01 / 2022/03/01
V	30000 Nm (22200 lbf.ft /3070 kgf) (0-30000) Nm Torque Test Machine	SW-30KQT	Q11	MTM T53-30 kNm S/O.110201	Rinstrum R320 S/O.3302559	China Shipping Industrial Head Company No.704 Research Institute (L1059)	BG-JZ-2015-6464-1062	2021/03/01 / 2022/03/01

Tester : Lyan Peng



Reviewer : Vicent Peng

