



AN ISO 9001:2015,CERTIFIED COMPANY

MFG. & EXPORTER OF HIGH TENSILE AND STAINLESS STEEL FASTENERS

TEST CERTIFICATE										FORMAT NO.: SKI/QC/01 REV.00							
CERTIFICATE AS PER EN 10204 - 3.1										T.C.NO :-SKI/001/24-25/Dem							
										T.C. DATE :- 04.12.2024							
CUSTOMER NAME :-Demo Customer										C/O.: M/s. DEMO FASTNER							
P.O. NO.:-		demo po 12343			DATE :-		04.12.2024										
O.A. NO.:-		1233			DATE :-		04.12.2024										
QAP NO.:-		rregr			DATE :-		04.12.2024										
SR NO	CLIENT	PRODUCT DETAILS					SIZE	LENGTH	QTY	PITCH	THREAD	SURFACE	P.O STATUS	SPECIFICATION			
	SR NO						INCH/MM	MM	SET						MATERIALS		
1	1	HEX BOLT + 1 HEAVY HEX NUT					1/2"	12	1	13 UNC	UNC	ZINC	COMPLETED	ASME SA193 GR:B8 CL.1/ ASME SA194 GR:8			
STUD																	
CHEMICAL TEST										MECHANICAL TEST							
SR. NO	HEAT NO	C %	SI %	MN %	P %	S %	CR %	MO %	NI %	IMPACT TESTING	YS-0.2 % P.S	UTS	EL in 4D %	RED. IN AREA %	HARDNESS	REMARKS	
1	REQUIRED	0.08 MAX	1.00 MAX	2.00 MAX	0.045 MAX	0.030 MAX	18.00-20.00	....	8.00-11.00	....	....	30 KSI MIN	75 KSI MIN	30 MIN	50 MIN	96 HRB MAX	
	0706	0.040	0.841	1.305	0.026	0.017	18.442	....	8.141	....	....	36.64 KSI	81.26 KSI	32.56	61.25	91-92 HRB	SATISFACTORY
HEAVY HEX NUT																	
CHEMICAL TEST										MECHANICAL TEST							
SR. NO	HEAT NO	C %	SI %	MN %	P %	S %	CR %	MO %	NI %	HARDNESS	24 HRS TEMPERING AT 540° C ( HRB)	PROOF LOAD	REMARKS				
1	REQUIRED	0.08 MAX	1.00 MAX	2.00 MAX	0.045 MAX	0.030 MAX	18.00-20.00	....	8.00-11.00	60 HRB MIN	NA	11 350 LBF					
	8460	0.036	0.452	1.261	0.028	0.009	18.185	....	8.016	81-82 HRB	....	12 015 LBF	SATISFACTORY				
REMARKS																	
HEAT TREATMENT °C :-		For L7 Stud/Hex Bolt:-			Hardening		Tempering		For 2H Hex Nut:-		Hardening		Tempering				
					850 °C		590 °C				850 °C		455 °C				
VISUAL AND DIMENSION INSPECTION:-V & D INSPECTION CARRIED OUT BY SK Q.C AND FOUND SATISFACTORY AS PER ANSI B18.2.1/B18.2.3.1M For Stud bolt Dimentions & ANSIB18.2.2 / B 18.2.4.6M For Nut Dimentions																	
THREADING INSPECTION:-THREADING INSPECTION CARRIED OUT BY SK QC AND FOUND SATISFACTORY AS PER ASME B1.1 ED. 2003 (R2008)																	
SURFACE INSPECTION:-NATURAL SURFACE CHECKED BY SK Q.C AND FOUND SATISFACTORY																	
MARKING :-L7 FOR HEX BOLT																	
EDITION:-ASTM A320 ED. 2020																	
REMARK:-NO REMARK																	
MANAGER (Q.A.)					PO.ITEM :- COMPLETE					INSPECTOR'S/SURVEYOR'S SIGN							
WE HEREBY CERTIFY THAT THE MATERIAL IS AS PER SIZE & SPECIFICATION MENTIONED IN ORDER .																	