

TEST CERTIFICATE

NO : 38945

DATE : 04.20.2009

CUSTOMER : BRIGHT STAR	SIZE : M20
P.O. NO. : S5765-03-09	SPEC : ASTM A563M
PRODUCT : HIGH STRENGTH HEX NUT	TYPE : 10S
PART NO. : SWNA563-10M20B	QTY : 15150

CHEMICAL COMPOSITION :

		C	Si	Mn	P	S	Cu	Ni	Cr
HEAD MARK	HEAT NO.	X 100							
S 10S	S330811684	44	19	75	1.1	0.6			

MECHANICAL PROPERTIES :

TEST		REQUIREMENT	RESULT	
TENSION TEST	Tensile Strength – N/MM2	N/A		
	Yield Strength– N/MM2	N/A		
	Elongation - %	N/A		
	Reduction of Area - %	N/A		
PROOF LOAD – N/MM2		1245	1250	1256
HARDNESS – HR		C26 – C38	C33.8	C34.2

SURFACE COATING : BLACK

TEST : ASTM F 606 M

DIMNL. INSPECTION : SATISFACTORY

COATING THICKNESS :

VISUAL INSPECTION : SATISFACTORY

WE CERTIFY THAT THE ABOVE PRODUCT MEETS THE SPECIFIED REQUIREMENTS OF CONTRACT.


 QC MANAGER