

TEST CERTIFICATE

NO : 37685

DATE : 05.15.2008

CUSTOMER : BRIGHT STAR	SIZE : M20-2.50X80
P.O. NO. : S4899-02-08	SPEC : ASTM A325M
PRODUCT : S. HEX BOLT	TYPE : TYPE 1
PART NO. : SWBAM20x80B	QTY : 2100

CHEMICAL COMPOSITION :

		C	Si	Mn	P	S	Mo	Ni	Cr
HEAD MARK	HEAT NO.	X 100							
SWENN 8S A325M	S08-0227S5072	40	25	66	1.2	1.5	2.0		99

MECHANICAL PROPERTIES :

TEST		REQUIREMENT			RESULT	
TENSION	Tensile Strength – N/MM2	MIN	830	968	967	
	Yield Strength– N/MM2	MIN	660	835	836	
TEST	Elongation - %	MIN	14	16	15	
	Reduction of Area - %	MIN	35	62	61	
PROOF LOAD – N/MM2			600	SATISFACTORY		
HARDNESS – HR		MAX	C34	C28.7	C30.3	

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