			F-08-03
M]	MULTITEX FILTRATION	
		ENGINEERS LTD.	
INULTITEX	TECH	NICAL DELIVERY CONDITIONS	
	TDC No.MFEL /TDC/WX46		Page 1 of 3
	TDC NO.WFEL /TDC/WA40	0/3KUZ/H/ KEV.U	Fage 1 of 5
	W.O. No. / ITEM NO.	: WX468 / Z-M54-001	Date Issued
	CUSTOMER INSPECTION AGENCY	: QCON/QP : TPI/AI	30-May-2020
	PO NO	: IPI / AI : PO No.A399AAMC/701/PO-2020-00344 Dated 19-Apr-20	
	PROJECT	:	
	ORD	ERING INFORMATION FOR FASTENERS FASTNERS <= 64 MM	
1 <u>ITEM</u>	: LOW ALLOY ST	TEEL FASTENER	
2 APPLICATION	: FOR CODE ST	AMPED PRESSURE VESSEL AS PER ASME Sec. VIII Div.1 Ed.2019	
3 MATERIAL SPECIFICATION		FOR STUDS AND SA-194 Gr 2HM FOR NUTS REF. SA-962 STANDARD(S). I PART A (EDITION : 2019)	
	FASTNERS SH	ALL BE ELECTROLESS NICKEL PLATED WITH MINIMUM COATING THICKNESS OF 75	MICRON (P > 10% AS PER ASTM B 733)
4 FASTENER DIMENSIONS / SIZE	: AS PER PURCI	HASE ORDER.	
5 DIMENSIONAL TOLERANCES	: TOLERANCES	ON NUTS SHALL BE AS PER ASME B18.2.2 Ed. 2015	
6 <u>FINISH</u>	: AS PER SPEC.	REQUIREMENTS.	
7 QUANTITY	: AS PER PURCI	HASE ORDER.	
8 MANUFACTURE		OR STUDS AND NUTS SHALL BE AS PER SPEC. REQUIREMENTS 3E HEAVY HEX AS PER ASME B18.2.2 Ed. 2015	
	THREADS SHA	LL BE AS PER ASME B1.1 Ed. 2003 (R2018) CI.2A FOR STUDS AND CI.2B FOR NUTS	
	FASTENERS S	HALL BE NEW. RECONDITIONING / REPAIR BY WELDING , OR BY ANY OTHER MEAN	S IS NOT PERMITTED.
9 HEAT TREATMENT CONDITION	: QUENCHED AM	ID TEMPERED AS PER SPEC.	
10 CHEMICAL COMPOSITION	: AS PER SA-193	3 Gr B7M FOR STUDS AND SA-194 Gr 2HM FOR NUTS	
	OF ASME Sec.I	I PART A (EDITION : 2019)	
11 IGC TEST	: NOT APPLICAE	lE.	



MULTITEX FILTRATION ENGINEERS LTD. **TECHNICAL DELIVERY CONDITIONS**

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12 MECHANICAL PROPERTIES

: (a) AS PER SA-193 Gr B7M FOR STUDS AND SA-194 Gr 2HM FOR NUTS AND AS PER SA-370

IMPACT TEST

: (b) NOT APPLICABLE.

HARDNESS

: (c) AS PER SPEC.



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JSC PREPARED BY	AKR CHECKED AND APPROVED BY
	(d) YEAR / ADDENDA OF MATERIAL SPECIFICATION.
	(c) HEAT TREATMENT DETAILS.
	(b) FASTNER SIZE , STARTING PITCH , PITCH TYPE , NO. OF THREADS PER UNIT LENGTH ETC.
	AND MECHANICAL PROPERTIES AS PER THE SPEC. AND THIS TDC.
	RESPECTIVELY AND INCLUDING FOLLOWING SHALL BE FURNISHED.
	AS PER CL.19 OF SA-962 AND CL.14 AND CL.12 OF SA-193 FOR STUDS AND SA-194 FOR NUTS
14 TEST CERTIFICATES	: REQUIRED AS PER EN 10204 (ED.2004) 3.2 AND
	RESPECTIVELY.
13 IDENTIFICATION AND MARKING	: AS PER CL.20 OF SA-962 AND CL.15 AND CL.13 OF SA-193 FOR STUDS AND SA-194 FOR NUTS