



TEST REPORT

VO10515
PMC2463

SHIPMENT

2820

MICHIGAN SEAMLESS TUBE

SOUTH LYON, MICHIGAN 48178

001

ORDER NUMBER	CUSTOMER ORDER NUMBER	DATE	OFC	COM	DI	NET SLS	GR SLS	ACCOUNT NUMBER	US	PAGE
065777	PMC0002463	11/14/14	21	00	57	54	01	05836000000	BN	2ME 1

DON-NAN MACHINE & MFG DIV OF DON-NAN PUMP & SUPPLY CO INC P O BOX 11367 MIDLAND TX USA 79702	DON-NAN PUMP & SUPPLY CO INC SN 2 3427 EAST HIGHWAY 158 TR 3 ATTN: MACHINE SHOP INV 3 MIDLAND TX 79706
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ROUTING OPEN TOP/FULLY TARPED/FOB SOUTH LYON MI PPD TRUCK

ANALYSIS	SHAPE	PRODUCT	FC	ANNEAL	REQUESTED
4130	ROUND	COLD DRAWN		QUENCH & TEMPER	12/31/14
SPECIFICATION	CMST	DESCRIPTION	PROMISE		
SEAMLESS ASTM/A 519 06		ALLOY Q&T RETURN	12/31/14		

SPECIAL INSTRUCTIONS
 CIL SHIP TO ARRIVE IN JANUARY 2015* 1-HEAT MAX. HEAT TREAT TO HRC-22 MAX (NACE MR0175) TO L-80 PROPERTIES. 2-WAY 12.5% U-TEST. T/R TO INCLUDE CHEM & PHYS. ITEM NUMBER T 4130 3.500 X .750W.

ITEM	QUANTITY	O.D.	I.D.	WALL	LENGTH	WT/FT	WEIGHT
		3.500		.750 AVG		22.03	10:23:44 12/23/14

ITM NUM	BALE NUM	PCS	FTG	HEAT NO.	CUT	LENGTH	STATUS	PART NUMBER
1	1	16	208	00A145904	CUT	13' .000"	COM	
1	2	16	208	00A145904	CUT	13' .000"	COM	
1	3	16	208	00A145904	CUT	13' .000"	COM	
1	4	16	208	00A145904	CUT	13' .000"	COM	
1	5	16	208	00A145904	CUT	13' .000"	COM	
1	6	16	208	00A145904	CUT	13' .000"	COM	
1	7	16	208	00A145904	CUT	13' .000"	COM	

HEAT NO.	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	Al	REMARKS
00A145904	.320	.510	.006	.002	.300	.070	1.050	.200	.130	.028	EF SDI

HEAT NO.	ULT. STR. PSI	YIELD, PSI	% ELONG 2"	HARDNESS	HYDRO TEST PSI	ULTRA SONIC %	EDDY CURRENT	EXPANSION	
00A145904	102,851	86,558	37.5	HRC 17-20		12.5 MAX	OK		
				BEND		FLATTEN	FLARE	REV. FLATTEN	FLANGE

MTR APPROVED
 VC-DATE: VO10515
 P.O.: PMC2463
 QC: _____

We hereby certify that the reported data are correct according to Michigan Seamless Tube tests and those of its suppliers.



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ITEM	QUANTITY	O.D.	I.D.	WALL	LENGTH	WT/FT	WEIGHT	
		3.500		.750 AVG		22.03		10:23:47 12/23/14

ITM	BALE	--	BALE--	HEAT NO.	CUT	LENGTH	STATUS	PART
NUM	NUM	PCS	FTG					NUMBER
1	8 1	16	208	00A145904	CUT	13' .000"	COM	
1	9 1	8	104	00A145904	CUT	13' .000"	COM	
1	10 1	1	12	00A145904	CUT	13' .000"	COM	

HEAT NO.	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	Al	REMARKS

HEAT NO.	ULT. STR. PSI	YIELD, PSI	% ELONG 2"	HARDNESS	HYDRO TEST PSI	ULTRA SONIC %	EDDY CURRENT	EXPANSION
						12.5 MAX	OK	
	BEND	FLATTEN	FLARE	REV. FLATTEN	FLANGE			

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