

represent (the "Customer"). By signing below, the Customer:
1. acknowledges receipt of the goods described on this Delivery Ticket;
2. agrees to the Terms of Cylinder Gas Agreement accompanying this Delivery Ticket (located on the reverse hereof); and
3. confirms that the Customer understands the safety bulletin (located on the reverse hereof) and has obtained or will obtain a current MSDS for the products described on this Delivery Ticket.

Praxair Products Inc. ("Praxair") a fait livrer à mon attention (société ou à l'entreprise que je représente (le "Client"). En signant ci-dessous, le Client:
1. reconnaît avoir reçu les marchandises décrites sur ce Bulletin de livraison;
2. accepte les conditions de l'Entente de fourniture de gaz en bouteilles qui accompagne ce Bulletin de livraison (au verso des présentes); et
3. confirme avoir compris la portée du Bulletin de sécurité (au verso des présentes) et déclare qu'il a reçu ou qu'il recevra les Fiches techniques santé-sécurité de chaque produit décrit sur ce Bulletin de livraison.

Customer's Signature:
Signature du Client:
Print Name:
Nom et capitales:

Date:
Print Title:
Fonctions en capitales:

6066921501

BLUE STAR WELDING (MASTER) *G*

BLUE STAR WELDING (MASTER) *G*
DIV OF 570147 AB LTD
RR 2 SITE 7 BOX 20
GRANDE PRAIRIE AL

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RG 10-FEB-05 04:05PM CRT:TA5716

DER NO. MANDE N°	DATE	CUST. NO. N° DU CLIENT	CUSTOMER NAME/NOM DU CLIENT	CUSTOMER ORDER NO. N° DE BON DE COMMANDE DU CLIENT	TERR. TERRITOIRE	SALES VENTES	SHIP VIA/EXPÉDIE VIA	UPS	SHIP CODE D'EXPÉDITION	COLL. PORT DU	PPD PORT PAYE	PAGE
1804-00	02/10/05	59342	BLUE STAR WELDING (MASTER)		538	535	OUR TRUCK	0	71		X	1
NO. DE ME	STOCK NUMBER N° DE STOCK	WE H S T E R	STOCK DESCRIPTION/DESCRIPTION DES STOCKS	UNIT OF MEASURE UNITÉ DE MESURE	QTY. ORDERED QUANTITÉ COMMANDEE	QTY. SHIPPED QUANTITÉ EXPÉDIEE	QTY BKORD	BIN LOC	WEIGHT	UNIT AMOUNT MONTANT UNITAIRE	EXTENDED AMOUNT MONTANT	
	Route Nbr 530002		Stop Nbr 000 Vehicle 00000 Driver 000									
	Ent:02/10 16:05		Pr:02/11 19:08									
	** Location:530 **											
1	BER T-035 -		CONTACT TIP 035 CENTERFIRE -	EA	10	10	0	0507H	.0			
3	PRS 56RN03P020 -		WIRE MS 7056 035 44# SP PRS -	SD	3	3	0	1204A	132.0			
4	LIN ED010270 -		ELECTR MS 6010 1/8 FM5P+ 50# HSC -	LB	50	50	0	1205B	50.0			
5	PRS 64016		LENS SH9 2X4 GLASS PRS -	EA	2	2	0	0608B	.0			
6	PRS 64017		LENS SH10 2X4 GLASS PRS -	EA	4	4	0	SB060	.0			
7	PRS 64001 -		LENS CLEAR 2X4 CR39 PLASTIC PRS -	EA	100	100	0	SB060	.0			
8	PRS 32135		GROUND CLAMP 500A WSGC-500 PRS -	EA	1	1	0	SB010	.0			
9	ED702618 -		WIRE ALUM 5356 035 1# SP PRS -	LB	4	4	0	0701C	.0			
0	LIN ED511105		ELECTR MS 11010M 1/8 5 TD -	KG	40	40	0	1204C	88.0			
1	VIC 0330-0012		CUT TIP 0-1-101 -	EA	1	1	0	SF010	.0			
2	VIC 0330-0002		CUT TIP 3-1-101 -	EA	1	1	0	SF010	.0			
3	SEL 27001 -		HEADGEAR FOR 280/290 HELMET -	EA	1	1	0	SC050	.0			
4	OSB 26744		WIRE WHEEL EX.025 5/8-11NO WIND	EA	5	5	0	SD020	.0			
5	MSC HAZMAT		HAZARDOUS MATERIAL CHARGE	EA	1	1	0	ZZZZZZ	.0			
6	RSU FC		ENERGY AND FUEL CHARGE	EA	1	1	0	ZZZZZZ	.0			

FOR CUSTOMER TRANSPORT
I, the undersigned, hereby acknowledge that:
1. industrial gas cylinders can be hazardous unless certain safety precautions are taken; and
2. I am responsible for the safe transportation of the cylinders to their destination for the Customer.
I understand the safety precautions outlined on the safety bulletin (located on the reverse hereof) and agree to indemnify and hold Praxair harmless from and against any losses, claims, damages, judgements, and expenses (including legal fees and expenses) resulting from transportation and use of the cylinders by the Customer.
I hereby authorize the undersigned to sign the acknowledgment and indemnity on behalf of the Customer.
If I detect a leak, then the customer will immediately advise Praxair; and
I will comply with all laws governing the transportation of compressed gases.

ENGAGEMENT À INDEMNISER
Le Client reconnaît que:
1. le transport de bouteilles de gaz peut être dangereux si les précautions de sécurité ne sont pas respectées;
2. Praxair lui a offert de livrer les bouteilles de gaz à destination.
Le Client déclare:
1. qu'il a lu et compris les précautions de sécurité faisant l'objet du bulletin de sécurité (au verso des présentes);
2. que le soussigné est autorisé à signer cette Reconnaissance au nom du Client.
Le Client s'engage à:
1. indemniser Praxair et à la tenir à l'abri des pertes, réclamations, dommages, jugements, responsabilités et frais (incluant tous les frais juridiques) résultant du transport et de l'utilisation des bouteilles par le Client;
2. informer immédiatement Praxair dès qu'il constate qu'une bouteille fuit;
3. se conformer à l'ensemble des lois et règlements régissant le transport de gaz comprimés.

Nature/Signature du Client: _____ Date: _____ Print Name/Nom en capitales: _____
Print Title/Fonctions en capitales: _____ Witnessed by/Témoin: _____

REFERENCE

QC JOB # 10252-P

UNIT #

LOCATION G.P. SHOP

PHONE 532-0171

JOB #10257 BLUESTAR

DATE

DATE 05

QCM

VENZIES PRINTED 44824

11281 - 89 AVENUE
GRANDE PRAIRIE AB T8V 5Z2
Phone: (780) 532-0171 Fax: (780) 539-3240

15299479

04-FEB-2005 15:57 (CST)

Page 1 of 1

SOL: BLUESTAR WELDING
VEN: RR #2, SITE 7, BOX 20
GRANDE PRAIRIE AB T8V 2Z9

SHIP TO: BLUESTAR WELDING
LIVRE A: RR #2, SITE 7, BOX 20
GRANDE PRAIRIE AB T8V 2Z9
780-532-1160

N° DU BON DE LIVRAISON

ORDER NO. DU CLIENT	PURCHASE ORDER NO. DE COMMANDE / REQUISITION	ORDER DATE DATE DE COMMANDE	REQUIRED DATE DATE REQUISE	PURCHASER'S NAME / NOM DE L'ACHETEUR	ORDER TAKEN BY / COMMANDE PRISE
71114-001	5830 / J008 10252 P	03-FEB-2005	04-FEB-2005	NOT ON FILE	KORDYBAN, BLAKE

METHOD / METHODE DE COMMANDE	SHIPPED VIA / EXPÉDIÉ PAR	DELIVERY ZONE ZONE DE LIVRAISON	B/L NO. DE CONNAISSEMENT	TOTAL WEIGHT POIDS TOTAL	TERMS / TERMES
Phone	Customer Pickup				NET 30

ITEM NUMBER / NUMÉRO D'ARTICLE	ORDERED COMMANDE	SHIPPED EXPÉDIÉ	RETURNED RETOURNE	BACK ORDER EN SOUFFRANCE	TOTAL VOLUME	UOM / UDM	T	PRICE / PRIX	EXTENDED PR EXTENSION DE
2971006 RDE, LOW ALLOY, BLUESHIELD, 3-M, 2.5MM (3/32") 4 X 2.5KG, AWS 18-M, CSA E76018-M	60	60			BIN: WA30	KG	A	8.37	
ELCYL SURCHARGE, CYLINDER GASES AND NG PRODUCTS	1	1				EA	A	.00	
SCOMHG TORY COMPLIANCE SURCHARGE - OODS	1	1				EA	A	3.00	
CHARGE STEEL FILLER METAL, STEEL SURCHARGE	60	60				KG	A	.21	
USE NOTE: ACCOUNT ENQUIRIES PLEASE ACT FRANCA JACOBS & 1-877-294-									

TOTAL
CYLINDERS / BOUTEILLES

A- GST and PST
B- GST or HST only
C- PST only
D- None

SUB TOTAL
SOUS-TOTAL

G.S.T. / T.P.S.
H.S.T.

P.S.T.
Q.S.T. / T.V.Q.

TOTAL

/ R SÉ PAR

DATE / DATE LIVREE

3 04 / 05

BY: RECU PAR

24-Hour No. (514) 878-1667 for spill, fire, explosion, accident.

Permit Number: SU 3724

Registration 2100767512

Registration 10 10000000

DATE JANUARY 27, 2005

REFERENCE _____

QC JOB # STOCK ORDER

UNIT # _____

PHONE 532-0729LOCATION C.P. SHOP

QUANTITY	UNIT OF MEASURE	DESCRIPTION	UNIT PRICE	G.S.T.	TOTAL
50 LB	2/32	LINCOLN AWS A5.5 : ASME SFA 5.5 E11018 M4HR			
		E11018M1F7110			
40 LB.	5/32	SAME AS ABOVE			
60 LB.	3/16	SAME AS ABOVE			
40 KG	1/8	BLUESHIELD AWS A5.1 E7018-1 ASME SFA 5.1			
		E7018-1 90 F NO 4 ANA NO 1			
20 KG	3/32	SAME AS ABOVE			
20 KG	5/32	SAME AS ABOVE			
20 KG	3/16	SAME AS ABOVE			
	.035	PROSTAR MIG WIRE 44" SPOOL AWS SFA 5.18 CWP CSA W48		EL 7036	
10	5/8"	MIG NOZZLE			
10	1/2"	MIG NOZZLE			
20	0.035	CONTACT TIP			
20	0.045	CONTACT TIP			
10		GAS DIFFUSER			
10		GAS DIFFUSER			
25	5"	7/8 80 GR SANDPAPER			
2		INSULATOR TIP			
1		250 AMP ELECTRODE HOLDER			
4	0.35	3/32 1/2 SPOOL WIRE			
100	2"x4"	CLEAR LEASE PROTECTOR			
6	1/4"	.020 KNOT WICK WHEEL			
2	5/8"	11 NC KNOT WICK WHEEL			

JOB # 10252 BLUESTAR

DATE 1/27/05

QC CHW

GQM CHW DATE 2/05

SUBTOTAL	
GST	
TOTAL	

SHIP TO ADDRESS: _____ VIA PRAXAIR

SIGNATURE CHW

1. acknowledges receipt of the goods described on this Delivery Ticket;
2. agrees to the Terms of Cylinder Gas Agreement accompanying this Delivery Ticket (located on the reverse hereof); and
3. confirms that the Customer understands the safety bulletin (located on the reverse hereof) and has obtained or will obtain a current MSDS for the products described on this Delivery Ticket.

société ou à l'entreprise que le représente (le «Client»). En signant ci-dessous, le Client:

1. reconnaît avoir reçu les marchandises décrites sur ce Bulletin de livraison;
2. accepte les conditions de l'Entente de fourniture de gaz en bouteilles qui accompagne ce Bulletin de livraison (au verso des présentes); et
3. confirme avoir compris la portée du Bulletin de sécurité (au verso des présentes) et déclare qu'il a reçu ou qu'il recevra les Fiches techniques santé-sécurité de chaque produit décrit sur ce Bulletin de livraison.

Customer's Signature:

Signature du Client:

Print Name:

Nom et capitales:

Date:

Print Title:

Fonctions en capitales:

6000188434

BLUE STAR WELDING (MASTER)*G*

BLUE STAR WELDING (MASTER)*G*
DIV OF 570147 AB LTD
RR 2 SITE 7 BOX 20
GRANDE PRAIRIE AB T8V 2Z9

20-JAN-05 03:11PM CRT:TN47746

REILLY RT# 530002 RRC

DATE	CUST. NO. N° DU CLIENT	CUSTOMER NAME/NOM DU CLIENT	CUSTOMER ORDER NO. N° DE BON DE COMMANDE DU CLIENT	TERR. TERRITOIRE	SALES VENTES	SHIP VIA/EXPEDIE VIA	UPS	SHIP CODE EXPEDITION	COLL	PRO	PAGE
29-00 01/27/05	59342	BLUE STAR WELDING (MASTER)	5819	530	535	BRN 3RD PTY		0	71	11	
STOCK NUMBER N° DE STOCK	WEIGHT Poids	STOCK DESCRIPTION/DESCRIPTION DES STOCKS	UNIT OF MEASURE UNITE DE MESURE	QTY ORDERED QUANTITE COMMANDEE	QTY SHIPPED QUANTITE EXPEDIEE	QTY BIN	LOC	WEIGHT	UNIT AMOUNT MONTANT UNITAIRE	EXTENDED AMOUNT MONTANT	
Route Nbr 530002		Stop Nbr 000 Vehicle 00000 Driver 000									
** Location: 530 **											
BER NS-5818B		MIG NOZZLE 5/8 ID 1/8 RECESS ✓	EA	10	10	0	SB060	.0	4.44	4.44	
BER NS-1218B		MIG NOZZLE 1/2 ID 1/8 RECESS ✓	EA	10	10	0	0507H	.0	7.13	71.30	
BER T-035		CONTACT TIP 035 CENTERFIRE ✓	EA	20	20	0	0507H	.0	7.13	71.30	
BER T-045		CONTACT TIP 045 CENTERFIRE ✓	EA	20	20	0	0507H	.0	.88	17.60	
BER DS-1T		GAS DIFFUSER CENTERFIRE ✓	EA	20	20	0	0507H	.0	.88	17.60	
BER DS-1		GAS DIFFUSER SMALL CENTERFIRE ✓	EA	10	10	0	0507H	.0	7.28	72.80	
UNI 50024		SAND DISC FIBER 2A 5X7/8 GR80 ✓	EA	10	10	0	0507H	.0	7.28	72.80	
				25	25	0	0607F	.0	.92	23.00	
SAFETY DATA SHEET 926004											
D015570		ELECTR MS 11018M 3/32 50# HSC ✓	LB	50	0	50		.0	3.09	.00	
LIN ED511106		ELECTR MS 11018M 5/32 5 TD ✓	KG	40	25	15	1204C	55.0	3.62	90.50	
LIN ED511107		ELECTR MS 11018M 3/16 5 TD ✓	KG	60	0	60	1204C	.0	3.61	.00	
SID 56RN09P020		WIRE MS 70S6 035 44# SP PRS ✓	SD	4	4	0	1204A	176.0	51.92	207.68	
KOB E316LT1045		WIRE KOB E316LT-1 045 28LB SP	LB	56	0	56		.0	13.50	.00	
CLA 329717067		ELECTR MS 7018 3/32 ✓	KG	20	20	0	0702A	44.0	5.96	119.20	
		SURCHARGE APPLICABLE @ .21/KG									
		SUPPLEMENT APPLICABLE @.21/KG									
CLA 329717083		ELECTR MS 7010 1/0 ✓	KG	10	0	0	0702A	88.0	4.53	183.20	
		SURCHARGE APPLICABLE @ .21/KG									
		SUPPLEMENT APPLICABLE @.21/KG									
CLA 329717106		ELECTR MS 7018 5/32 ✓	KG	20	20	0	0702A	44.0	4.53	91.60	
		SURCHARGE APPLICABLE @ .21/KG									
		SUPPLEMENT APPLICABLE @.21/KG									
CLA 329717122		ELECTR MS 7018 3/16 ✓	KG	20	20	0	0702A	44.0	4.53	90.60	
		SURCHARGE APPLICABLE @ .21/KG									
		SUPPLEMENT APPLICABLE @.21/KG									

FOR CUSTOMER TRANSPORT

acknowledges that industrial gas cylinders can be hazardous unless certain safety precautions are taken; and that the Customer understands the safety precautions outlined on the safety bulletin (located on the reverse hereof).

Le Client reconnaît que les bouteilles de gaz industriel peuvent être dangereuses si les précautions de sécurité ne sont pas respectées; et qu'il a lu et compris les précautions de sécurité faisant l'objet du bulletin de sécurité (au verso des présentes);

and holds Praxair harmless from and against any losses, claims, damages, judgements, fines (including legal fees and expenses) resulting from transportation and use of the cylinders by the Customer.

et indemnifie Praxair et à la tenir à l'abri des pertes, réclamations, dommages, jugements, responsabilités et frais (incluant tous les frais juridiques) résultant du transport et de l'utilisation des bouteilles par le Client.

detects a leak, then the customer will immediately advise Praxair; and if combined with all laws governing the transportation of compressed gases.

Signature/Signature du Client: Date: Print Name/Nom en capitales:

ENGAGEMENT À INDEMNISER

Le Client reconnaît que:

1. le transport de bouteilles de gaz peut être dangereux si les précautions de sécurité ne sont pas respectées;
2. Praxair lui a offert de livrer les bouteilles de gaz à destination.

Le Client déclare:

1. qu'il a lu et compris les précautions de sécurité faisant l'objet du bulletin de sécurité (au verso des présentes);
2. que le soussigné est autorisé à signer cette Reconnaissance au nom du Client.

Le Client s'engage à:

1. indemnifier Praxair et à la tenir à l'abri des pertes, réclamations, dommages, jugements, responsabilités et frais (incluant tous les frais juridiques) résultant du transport et de l'utilisation des bouteilles par le Client;
2. Informer immédiatement Praxair dès qu'il constate qu'une bouteille fuit;
3. se conformer à l'ensemble des lois et règlements régissant le transport de gaz comprimés.

Print Title/Fonctions en capitales:

Witnessed by/Témoin:

1. acknowledges receipt of the goods described on this Delivery Ticket;
2. agrees to the Terms of Cylinder Gas Agreement accompanying this Delivery Ticket (located on the reverse hereof); and
3. confirms that the Customer understands the safety bulletin (located on the reverse hereof) and has obtained or will obtain a current MSDS for the products described on this Delivery Ticket.

- ci-dessous, le Client:
1. reconnaît avoir reçu les marchandises décrites sur ce Bulletin de livraison;
 2. accepte les conditions de l'Entente de fourniture de gaz en bouteilles qui accompagne ce Bulletin de livraison (au verso des présentes); et
 3. confirme avoir compris la portée du Bulletin de sécurité (au verso des présentes) et déclare qu'il a reçu ou qu'il recevra les Fiches techniques santé-sécurité de chaque produit décrit sur ce Bulletin de livraison.

6000189356

Customer's Signature:

Signature du Client: _____

Print Name:

Nom et capitales: _____

Date: _____

Print Title:

Fonctions en capitales: _____

BLUE STAR WELDING (MASTER) *G*

BLUE STAR WELDING (MASTER) *G*

DIV OF 570147 AB LTD

RR 2 SITE 7 BOX 20

GRANDE PRAIRIE AB T8V 2Z9

28-JAN-05 03:11PM CRT:TNA7746

REILLY RT# 530002 RRC

OR NO. ANDEN N°	DATE	CUST. NO. N° DU CLIENT	CUSTOMER NAME/NOM DU CLIENT	CUSTOMER ORDER NO. N° DE BON DE COMMANDE DU CLIENT	TERR. TERRITOIRE	SALES VENTES	SHIP VIA/EXPEDIE VIA	UPS	SHIP CODE D'EXPEDITION	COLL PORT DU	PRO PORT PAYE	PAGE
529-00	01/27/05	59342	BLUE STAR WELDING (MASTER)	5819	530	535	BRN 3RD PTY	0	71	X	X	2
NO. E	STOCK NUMBER N° DE STOCK	WE ST	STOCK DESCRIPTION/DESCRIPTION DES STOCKS	UNIT OF MEASURE UNITE DE MESURE	QTY. ORDERED QUANTITE COMMANDEE	QTY. SHIPPED QUANTITE EXPEDIEE	QTY BIN	LOC	WEIGHT	UNIT AMOUNT MONTANT UNITAIRE	EXTENDED AMOUNT MONTANT	
	Route Nbr 530002		Stop Nbr 000 Vehicle 00000 Driver 000									
18	TWE 9910-2102		INSULATOR TIP W/SCREW A-532-1P	EA	2	2	0	0308H	.0	8.16	16.32	
19	TWE 9110-1102		ELC UN DER HEAD A 532-1P	EA	1	1	0		.0			
20	LIN ED702618		WIRE ALUM 5356 035 1# SP PRS	LB	4	4	0	0701C	.0	4.992	19.97	
21	HWE 240933		LENS CLEAR 2X4 CR39 PLASTIC PRS	EA	100	100	0	SB060	.0	.30	30.00	
22	OSB 26761		WIRE WHEEL 6-1/2X.020 KNOT	EA	6	6	0	SD020	.0	11.74	70.44	
23	OSB 26744		WIRE WHEEL 6X.025 5/8-11NC KNOT	EA	2	2	0	SD020	.0	11.98	23.96	
24	MSC HAZMAT		HAZARDOUS MATERIAL CHARGE	EA	1	1	0	ZZZZZZ	.0	4.95	4.95	
25	** Location: STD		**									
26	MSC HD6SUR		STEEL PRICE SURCHARGE DUE TO THE GLOBAL STEEL SHORTAGE, WE ARE FORCED TO IMPLEMENT A SURCHARGE PASSED ON FROM OUR VENDORS.	EA	100	100	0	ZZZZZZ	.0	.210000	21.00	
			Total Weight 451.0							Subtotal	1353.35	
										Tax:	.00	
										Total Sale	1448.00	

OK & Stock
JAN 28/05

Y FOR CUSTOMER TRANSPORT

acknowledges that:
in of industrial gas cylinders can be hazardous unless certain safety precautions are taken; and
ffered to transport gas cylinders to their destination for the Customer.
epresents that:
r has and understands the safety precautions outlined on the safety bulletin (located on the reverse
red authority to sign the acknowledgement and indemnity on behalf of the Customer.
rees
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Le Client s'engage à:
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2. informer immédiatement Praxair dès qu'il constate qu'une bouteille fuit;
3. se conformer à l'ensemble des lois et règlements régissant le transport de gaz comprimés.

Signature/Signature du Client: _____	Date: _____	Print Name/Nom en capitales: _____	Print Title/Fonctions en capitales: _____	Witnessed by/Témoin: _____
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OK
JAN 28/05
Stock



PRAXAIR

DATE JANUARY 20, 2005

REFERENCE _____

QC JOB # STOCK ORDER

UNIT # _____

PHONE 532-0738

LOCATION G.P. SHOP

QUANTITY	UNIT OF MEASURE	DESCRIPTION	UNIT PRICE	G.S.T.	TOTAL
5	0.35	44# PROSTAR MIL WIRE SPOOLS AWS SFA5.18			
		CWB CSA W4R E7018	/		
40 KG	1/8	BLUESHIELD AWS A5.1 E7018-1 ASME SFA5.1	/		
		E7018-1 F No 4 AN A NO. 1	/		
20 KG	5/32	SAME AS ABOVE	/		
20 KG	3/16	SAME AS ABOVE	/		
40 KG	1/4	SAME AS ABOVE	/		
50 LB	1/2	LINCOLN WELD SPT AWS A5.17 ASME SFA5.17	E6010	/	
50 LB	5/32	SAME AS ABOVE		/	
.3	5/32	LINCOLN AWS 5.5 AND ASME SFA5.5 E11018 4HR			
		E11018-M/E7618M			
60 LB	3/16	SAME AS ABOVE			
20 KG	0.045	HOBART 71T1 4271 FLUX Cored WIRE			
10 LB	3/16	LINCOLN WELD SPT AWS A5.1 ASME SFA5.1 E6010			
100	2x4	CLEAR LENSE PROTECTOR			
5		*1 #2 HAMMER ON LUG			
10	0.045	14H45 CONTACT TIP			
4	0.035	1AB 5356 ALUMINUM WIRE SPOOL			
1	5/8	MIL NOZZLE - INSULATOR			
2	2x4	10 SHADE LENSE			
2	2x4	10 SHADE GOGGLE LENSE			
4	16 oz	AFLODOL MIL SPATTER			
SHIP TO ADDRESS: _____			VIA <u>REILLY TRANSFER</u>		
SIGNATURE <u>C. H. B.</u>			SUBTOTAL		
			GST		
			TOTAL		

JOB # 10252 BLUESTAR
DATE _____
GCI _____
QCM PRW DATE 8/05

OK
JAN 21/05

1. acknowledges receipt of the goods described on this Delivery Ticket;
2. agrees to the Terms of Cylinder Gas Agreement accompanying this Delivery Ticket (located on the reverse hereof); and
3. confirms that the Customer understands the safety bulletin (located on the reverse hereof) and has obtained or will obtain a current MSDS for the products described on this Delivery Ticket.

société ou à l'entreprise qui le représente (le «Client»). En signant ci-dessous, le Client:

1. reconnaît avoir reçu les marchandises décrites sur ce Bulletin de livraison;
2. accepte les conditions de l'Entente de fourniture de gaz en bouteilles qui accompagne ce Bulletin de livraison (au verso des présentes); et
3. confirme avoir compris la portée du Bulletin de sécurité (au verso des présentes) et déclare qu'il a reçu ou qu'il recevra les Fiches techniques sante-sécurité de chaque produit décrit sur ce Bulletin de livraison.

Customer's Signature:

Signature du Client:

Print Name:

Date:

Print Title:

Fonctions en capitales:

5956645879

BLUE STAR WELDING (MASTER) #000

BLUE STAR WELDING (MASTER) #000
DIV OF 570147 AB LTD
PR 2 SITE 7 BOX 200
GRANDE PRAIRIE AB T2A 1G0

20-JAN-05 01:58PM CRT:TRN3078

REILLY RT- 530002 GR

ORDER NO. MANDE N°	DATE	CUST. NO.	CUSTOMER NAME/NOM DU CLIENT	CUSTOMER ORDER NO. N° DE BON DE COMMANDE DU CLIENT	TERRITORY 53A	SALES VENTES	SHIP VIA/EXPEDITION	UFC	EXPEDITION	PORT DU	PORT PALE	PAGE
5956645879	01/20/05	59248	BLUE STAR WELDING (MASTER)	5910	53A	535	BRN 3RD PTY	4	24	3	0	0
NO. DE	STOCK NUMBER N° DE STOCK	WE HN ST	STOCK DESCRIPTION/DESCRIPTION DES STOCKS	UNIT OF MEASURE UNITÉ DE MESURE	QTY. ORDERED QUANTITÉ COMMANDEE	QTY. SHIPPED QUANTITÉ EXPEDIEE	QTY	STK	HEIGHT	UNIT MONTANT UNITAIRE	EXTENDED AMOUNT MONTANT	
	Route Nbr 530002		Stop Nbr 000 Vehicle 00000 Driver 000									
			SAFETY DATA SHEET 410004									
14	525 25764		CONTACT TIP 1/8-45 045 HD PRS	EA	10	10	0	05007				
15	LIN ED031111		WIRE WHEEL 4-7/8X020 5/8-11 KNOT	EA	1	1	0	5D020				
			ELECTR NG 6010 3/16 FWSF 5 TD	KG	10	10	0	5A000				
			SAFETY DATA SHEET 540210									
17	LIN 60703618		WIRE ALUM 0356 035 1/8 CP PRS	LB	4	4	0	07040				
			SAFETY DATA SHEET 541400									
17	TWE 00054E		MIG NOZZLE 20A-62 5/8 PRS	EA	1	1	0	05062				
18	TWE 00055E		MIG NOZZLE INSULATOR 34A PRS	EA	1	1	0	05062				
19	HWS 6441C		LENS SH10 2X4 GLASS PRS	EA	2	2	0	5B062				
20	2401P		LENS SH10 2X4 GOLD POLYCARB	EA	2	2	0	5B062				
21	CHI 528-170		ANTI SPAT 16 OZ AEROSOL PRS	EA	4	4	0	5D070				
			SAFETY DATA SHEET 820028									
22	LIN ED031107		ELECTR NG 110180 3/16 5 TD	KG	60	0	60	1204C				
			UNKNOWN MATERIAL CHARGE	EA	1	1	0	12222				
	** Location:STC	**	STEEL PRICE SURCHARGE DUE TO THE GLOBAL STEEL SHORTAGE, WE ARE FORCED TO IMPLEMENT A SURCHARGE PASSED ON FROM OUR VENDORS.	EA	120	120	0	12222				

nk STOCK
JAN 21

FOR CUSTOMER TRANSPORT

OK STOCK
JAN 21

FOR CUSTOMER TRANSPORT

acknowledges that:
of industrial gas cylinders can be hazardous unless certain safety precautions are taken; and
ered to transport gas cylinders to their destination for the Customer.
resents that:
has read and understands the safety precautions outlined on the safety bulletin (located on the reverse
ed ha
rees
shall indemnify and hold Praxair harmless from and against any losses, claims, damages, judgements,
enses (including legal fees and expenses) resulting from transportation and use of the cylinders by the
etects a leak, then the customer will immediately advise Praxair; and
vill comply with all laws governing the transportation of compressed gases.

ENGAGEMENT À INDEMNISER

Le Client reconnaît que:
1. le transport de bouteilles de gaz peut être dangereux si les précautions de sécurité ne sont pas respectées;
2. Praxair lui a offert de livrer les bouteilles de gaz à destination.
Le Client déclare:
1. qu'il a lu et compris les précautions de sécurité faisant l'objet du bulletin de sécurité (au verso des présentes);
2. que le sousigné est autorisé à signer cette Reconnaissance au nom du Client.
Le Client s'engage à:
1. indemniser Praxair à la tenir à l'abri des pertes, réclamations, dommages, jugements, responsabilités et frais (incluant tous les frais juridiques) résultant du transport et de l'utilisation des bouteilles par le Client;
2. informer immédiatement Praxair dès qu'il constate qu'une bouteille fuit;
3. se conformer à l'ensemble des lois et règlements régissant le transport de gaz comprimés.

Signature du Client:

Date:

Print Name/Nom en capitales:

Print Title/Fonctions en capitales:

Witnessed by/Témoin:

société ou à l'entreprise que je représente (le « Client »). En signant ci-dessous, le Client :

1. reconnaît avoir reçu les marchandises décrites sur ce Bulletin de livraison;
2. accepte les conditions de l'Entente de fourniture de gaz en bouteilles qui accompagne ce Bulletin de livraison (au verso des présentes); et
3. confirme avoir compris la portée au Bulletin de sécurité (au verso des présentes) et déclare qu'il a reçu ou qu'il recevra les Fiches techniques santé-sécurité de chaque produit décrit sur ce Bulletin de livraison.

Customer's Signature:

Signature du Client:

Print Name:

Nom et capitales:

Date:

Print Title:

Fonctions en capitales:

5917166993

BLUE STAR WELDING (METER, 408)

BLUE STAR WELDING (MASTERS)
DIV OF 570147 AB LTD
RR 2 SITE 7 BOX 20
GRANDE PRAIRIE AB T8V 2Z3

RG 12-JAN-85 04:26PM CRT:TNA1391

~~NOTE-~~ RT# 330002 RAC

ER NO. (ANDEN N°)	DATE	CUST. NO. N° DU CLIENT	CUSTOMER NAME/NOM DU CLIENT	CUSTOMER ORDER NO. N° DE BON DE COMMANDE DU CLIENT	TERR. TERRITOIRE	SALES VENTES	SHIP VIA/EXPEDIE VIA	UPS	SHIPPING EXPEDITION	COLL. COLLECTE	PAGE
005-10	01/12/05	53342	BLUE STAR WELDING (MASTER	5797	530	535	PICK UP	0	71	X	1
NO. DE ME	STOCK NUMBER N° DE STOCK	WEIGHT POIDS	STOCK DESCRIPTION/DESCRIPTION DES STOCKS	UNIT OF MEASURE UNITE DE MESURE	QTY ORDERED QUANTITE COMMANDEE	QTY SHIPPED QUANTITE EXPEDIEE	QTY BKORD	BIN LOC	WEIGHT	UNIT AMOUNT MONTANT UNITAIRE	EXTENDED AMOUNT MONTANT
	Route Nbr 530002 ** Location: 530		Stop Nbr 000 Vehicle 00000 Driver 000								
	ATO P4331		MIG NOZZLE 5/8 BRASS BER PRS	EA	5	5	0	0507E	.0	4.00	22.00
	SID S6RND9P220		WIRE MS TGS6 035 44# SP PRS	SO	6	6	0	1204A	254.0	61.92	311.92
	LIN ED511105		ELECTR MS 11018M 1/8 F TH	EA	25	25	0	1204A	35.0	8.75	44.75
	TWE P32135		GROUND CLAMP 500A NSGC-500 PRS	EA	3	3	0	SB010	.0	8.34	25.02
	ARH SSR200		SOAPSTONE HOLDER ROUND 11/CHUCK	EA	3	3	0	SB050	.0	1.00	3.00
	WYP 400-1		SOAPSTONE HOLDER FLAT PRS	EA	2	2	0	SB050	.0	1.00	2.00
	ARC 6108-2008		CARBON TORCH K4000 7' EXTREME	EA	1	1	0	SA050	.0	242.00	242.00
	196255		TRIGGER SWITCH FOR M-15/M-25	EA	2	2	0	0506J	.0	22.14	44.28
	ALL HAZMAT		HAZARDOUS MATERIAL CHARGE	EA	1	1	0	ZZZZZZ	.0	4.95	4.95
			Total Weight								
										Subtotal	734.00
										PRAIR GST 85753 6637 RT	
										GST Tax:	62.82
										Tax:	.00
										Total Sale	807.42

OK STOCK
JAN 12/05

OK STOCK
JAN 12/05

FOR CUSTOMER TRANSPORT

knowledge that industrial gas cylinders can be hazardous unless certain safety precautions are taken; and intend to transport gas cylinders to their destination for the Customer.

has read and understands the safety precautions outlined on the safety bulletin (located on the reverse side hereof) and authorizes the undersigned to sign the acknowledgement and indemnity on behalf of the Customer.

shall indemnify and hold Praxair harmless from and against any losses, claims, damages, judgements, fines (including legal fees and expenses) resulting from transportation and use of the cylinders by the Customer. If the customer detects a leak, then the customer will immediately advise Praxair; and Praxair will arrange for the transportation of compressed gases.

ENGAGEMENT À INDEMNISER

Le Client reconnaît que:

1. le transport de bouteilles de gaz peut être dangereux si les précautions de sécurité ne sont pas respectées;
2. Praxair lui a offert de livrer les bouteilles de gaz à destination.

Le Client déclare:

1. qu'il a lu et comprend les précautions de sécurité faisant l'objet du bulletin de sécurité (au verso des présentes);
2. que le sous-signe est autorisé à signer cette Reconnaissance au nom du Client.

Le Client s'engage à:

1. indemniser Praxair et à la tenir à l'abri des pertes, réclamations, dommages, jugements, responsabilités et frais (incluant tous les frais juridiques) résultant du transport et de l'utilisation des bouteilles par le Client;
2. informer immédiatement Praxair dès qu'il constate qu'une bouteille fuit;
3. se conformer à l'ensemble des lois et règlements régissant le transport de gaz comprimés.

Signature/Signature du Client:

Date:

Print Name: / Nom en capitales:

Print Title/Fonctions en capitales:

Witnessed by: Témoin:

5723

DATE JANUARY 15, 2005

REFERENCE

QC JOB # 10252-P

UNIT #

LOCATION G.P. SHOP

PHONE (780) 466-6360 (780) 466-6390

[illegible]

WHITE - SUPPLIER

YELLOW - OFFICE

PINK - QUALITY CONTROL



API Licensed Spec 9A-03 Spec 10-1-0017
MISA Register d

Academy Petroleum Industries

4066-78 Ave, Edmonton, B. 16B 3M8
Telephone: (780) 466-6360 Fax: (780) 466-6380
Email: acadpet@telusplanet.net

ISO 9001 Registered Firm
MISA Registered



Quotation

Quoted To: Blue Star Welding
Box 20, Site 7, R.R. # 2

Granite Prairie AB
Phone: (780) 532-160 Ext
Fax: (780) 532-148 Ext
T8V 2Z9

Attn:

Phone:
Fax:

Net 30 Days

BLU002

WADE

12/2/2004

1	84	BW-EL-4	0	4" WELD ELBOW C/W 4 1/2 POW X 1 1/2 I/C C/W CUSHION	4130 75K MATERIAL	Pie	\$825.00	\$69,300.00
2	48	WN-3-08-10	0	SPECIAL WELD NECK FLANGE 3 1/16 -10,000 BX 154 X 3.50 POW X 2.00 BORE 4130 PSL-1-L-DD		Pie	\$465.00	\$22,320.00
3	12	WN-4-06-10(Copy of)	0	WELD NECK FLANGE 4 1/16 10,000 EX155 4.00" ID X 5.25" POW 4130 PSL-1-L-DD		Pie	665.00	\$7,980.00
4	12	BW-TEE-3-CUS	0	3" WELD TEES C/W 3 1/2 POW X 2" BORE C/W CUSHION 4130 75 K MATERIAL		Pie	\$625.00	\$7,500.00
5	6	BW-TEE-3	0	3" WELD TEES C/W 3 1/2 POW X 2" BORE 4130 75 K MATERIAL		Pie	625.00	\$3,750.00
6	9	TOL-5-10	0	THREAR OLET 1/2 NPT 10,000 4130 75K		Pie	\$150.00	\$1,350.00

Quote No. 6769

7 12 DSA-4 06-10X3 06-10

0

☐ API 6A ☐ API 16A ☒ ISO ☐ ABPVS

DOUBLE STUDDED ADAPTER
4 1/16" 10,000 BX155 X 3 1/16" 10,000 BX154 X 3.50" THICK
C/W L7M/2HM STUDS AND NUTS
API 6A L-DD-PSL-1

Piece \$925.00 \$11,100.00

12/2/2000

Canadian dollars

C-3911

Amount: \$123,300.00

GST: \$8,631.00

Total: \$131,931.00

Leslie Larsson

All prices quoted are F.O.B. Academy yard, duty and taxes extra unless otherwise noted.

Quote valid for 30 days unless otherwise noted.
☐ API 6A ☐ API 16A ☒ ISO ☐ ABPVS

Handwritten signature



ACADEMY PETROLEUM INDUSTRIES

4066-78 AVENUE, EDMONTON, ALBERTA T6B 3M8

PHONE: (780) 466-6360 FAX: (780) 466-6380

E-mail: acadpet@telusplanet.net



ISO-9001:2000

LIC. - 0380
LIC. - 0077
LIC. - 0028

A B S A REGISTERED

Certificate of Compliance

10252-P
02112105
CZL

Date: February 17, 2005	Customer: Bluestar Welding	Academy W/O #: 42543
Part Description: SPECIAL WELD NECK FLANGE 3 1/16 -10,000 BX 154 X 3.50 POW X 2.00 BORE		Cust. P.O. #: WADE
Quantity: 10	Serial #'s: 41078-2	S/O Item #: 2

This is to certify that the above noted part has been:

- Manufactured in accordance with all in-house policies and procedures and in compliance with the customer's requirements and/or specifications and;
- Inspected in accordance with Academy Petroleum Industries Inspection Procedure AP-10 Revision M and found to be acceptable.

The following indicated procedures have been performed and documentation is attached as required:

Procedure		Comments
Dimensional Verification	✓	As per all applicable drawings.
Visual Inspection	✓	
Hardness Testing		See attached report.
Non-Destructive Examination		MPI performed, see attached reports.
Stress Relieving		See attached report.
Hydrostatic Testing		See attached report.
Material Test Reports	✓	See attached reports.

Notes: 9 Pcs. 4130- Heat No. 16089, 1 Pc. 4130-Heat No. W5783


Quality Assurance

Academy Petroleum Industries



API Licensed
Spec 6A-0380
Spec 16A-0077

ACADEMY PETROLEUM INDUSTRIES

4066-78 AVENUE, EDMONTON, ALBERTA T6B-3M8
TELEPHONE: (780) 466-6360 FAX: (780) 466-6380
E-mail: acadpet@telusplanet.net



ISO 9001
Registered
Firm 93-17

ABSA REGISTERED

Certified Material Test Report

10252
02/13/05
CZL

Date: February 3, 2005	Academy W/O #: 42543	Mill Test Report No.: 26796
Customer: Bluestar Welding	Customer P.O. No.: WADE	
Description: <u>SPECIAL WELD NECK FLANGE 3 1/16 -10,000 BX 154 X 3.50 POW X 2.00 BORE</u>		
API 6A PSL: 1	API Temp Class: K	API Fluid Rating: DD
API Mat'l Designation: 75K		
Mat'l Grade: <u>AISI 4130</u>	Heat #: <u>16089</u>	Academy Mat'l APP #: 301 E
Size:		
Mat'l Form:	Bar ☐	Casting ☐
	Forging ☒	Other:

Heat Treatment Specifications

Austenitized: 1600 Deg F for 3 hours
Agitated Water Quench: Start 64 Deg F; Finish 89 Deg F
Tempered: 1200 Deg F for 5 hours

Mechanical Test Results

Property	Results
Yield Strength @ 0.2% Offset (psi)	77,000
Tensile Strength (psi)	103,000
Elongation (% in 2 inches)	23.0
Reduction Of Area (%)	68.0

Property	Results
CVN Impact @ -75°F (ft-lb)	41/44/47
Linear Expansion	
Shear (%)	
Brinell Hardness	228/235

NACE MR0175- compliant: ☒ Yes ☐ No

Chemical Analysis

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	V	Sn	Al			
.30	.53	.010	.015	.23	1.02	.11	.18	.27			.026			

Comments

All mechanical properties are as per Qualification Test Coupon.

We certify that the foregoing is a true and correct report of the values obtained and/or as is contained on file in our records and that they comply with the requirements of the specifications unless noted.

 Date: February 3, 2005

Academy Quality Assurance



API 6A LIC - 0380
API 16A LIC - 0077
API 16C LIC - 0028

ACADEMY PETROLEUM INDUSTRIES

4066-78 AVENUE, EDMONTON, ALBERTA T6B 3M8

PHONE: (780) 466-6360 FAX: (780) 466-6380

EDMONTON, ALBERTA



ISO-9001:2000

A B S A REGISTERED

Certificate of Compliance

Date: February 3, 2005	Customer: Bluestar Welding	Academy W/O #: 42543
Part Description: 3" WELD TEE, 1/2" THICK C/W CUSHION		Cust. P.O. #: WADE
Quantity: 12	Serial #'s: 42543-4	S/O Item #: 4

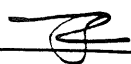
This is to certify that the above noted part has been:

- Manufactured in accordance with all in-house policies and procedures and in compliance with the customer's requirements and/or specifications and;
- Inspected in accordance with Academy Petroleum Industries Inspection Procedure AP-10 Revision M and found to be acceptable.

The following indicated procedures have been performed and documentation is attached as required:

Procedure		Comments
Dimensional Verification	✓	As per all applicable drawings.
Visual Inspection	✓	
Hardness Testing		See attached report.
Non-Destructive Examination		MPI performed, see attached reports.
Stress Relieving		See attached report.
Hydrostatic Testing		See attached report.
Material Test Reports	✓	See attached reports.

Notes:


Quality Assurance

Academy Petroleum Industries



API Licensed
Spec 6A-0380
Spec 16A-0077

ACADEMY PETROLEUM INDUSTRIES

4066-78 AVENUE, EDMONTON, ALBERTA T6B-3M8
TELEPHONE: (780) 466-6360 FAX: (780) 466-6380
E-mail: acadpet@telusplanet.net

ABSA REGISTERED



ISO 9001
Registered
Firm 93-17

Certified Material Test Report

10252-P
02/04/05
CZL

Date: February 3, 2005		Academy W/O #: 42543		Mill Test Report No.: 26159	
Customer: Bluestar Welding				Customer P.O. No.: WADE	
Description: 3" WELD TEES C/W 3 1/2 POW X 2" BORE C/W CUSHION					
API 6A PSL: 1		API Temp Class: L		API Fluid Rating: DD	
				API Mat'l Designation: 75K	
Mat'l Grade: 4130		Heat #: LV9399		Academy Mat'l APP #: 301 E	
				Size:	
Mat'l Form: Bar ☐		Casting ☐		Forging ☐	
				Other: SQ	

Heat Treatment Specification

Normalized @ 1650 F / 17.00 hrs Air Cool
Austenitized @ 1600 F / 21.00 hrs
Tempered @ 1225F / 20.00 hrs Air Cool
Water Quench Start @ 84F, End @ 98 F

Mechanical Test Results

Property	Results
Yield Strength @ 0.2% Offset (psi)	87,400
Tensile Strength (psi)	104,500
Elongation (% in 2 inches)	25.0
Reduction Of Area (%)	68.0

Property	Results
CVN Impact @ -75°F (ft-lb)	30/34/34
Linear Expansion	18/22/22
Shear (%)	20/25/25
Brinell Hardness	212/223

NACE MR0175 compliant: ☒ Yes ☐ No

Chemical Analysis

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	V	Sn	Al	Ti		
.30	.48	.01	.008	.24	1.00	.17	.19	.14	.038		.024	.019		

Comments

All mechanical properties are as per Qualification Test Coupon.
Electric Furnace - Fine Grain

We certify that the foregoing is a true and correct report of the values obtained and/or as is contained on file in our records and that they comply with the requirements of the specifications unless noted.

Signed: [Signature] Date: February 3, 2005
Academy Quality Assurance



API Licensed
Spec 6A-0380
Spec 16A-0077

ACADEMY PETROLEUM INDUSTRIES

4066-78 AVENUE, EDMONTON, ALBERTA T6B-3M8
TELEPHONE: (780) 466-6360 FAX: (780) 466-6380
E-mail: acadpet@telusplanet.net



ISO 9001
Registered
Firm 93-17

ABSA REGISTERED

Certified Material Test Report

Date: February 14, 2005		Academy W/O #: 42543		Mill Test Report No.: 26159	
Customer: Academy Petroleum Industries				Customer P.O. No.: WADE	
Description: 3" WELD TEES C/W 3 1/2 POW X 2" BORE					
API 6A PSL: 1		API Temp Class: L		API Fluid Rating: DD	
API Mat'l Grade: 4130		Heat #: LV9399		API Mat'l Designation: 75K	
Mat'l Form:		Academy Mat'l APP #: 301 E		Size:	
Bar ☐		Casting ☐		Forging ☐	
				Other: SQ	

Heat Treatment Specifications

Normalized @ 1650 F / 17.00 hrs Air Cool
Austenitized @ 1600 F / 21.00 hrs
Tempered @ 1225F / 20.00 hrs Air Cool
Water Quench Start @ 84F, End @ 98 F

Mechanical Test Results

Property	Results
Yld Strength @ 0.2% Offset (psi)	87,400
Tensile Strength (psi)	104,500
Elongation (% in 2 inches)	25.0
Reduction of Area (%)	68.0

Property	Results
CVN Impact @ -75°F (ft-lb)	30/34/34
Linear Expansion	18/22/22
Shear (%)	20/25/25
Brinell Hardness	212/223

API 6A PSL 1 compliant: ☒ Yes ☐ No

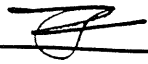
Chemical Analysis

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	V	Sn	Al	Ti		
.30	.48	.01	.008	.24	1.00	.17	.19	.14	.038		.024	.019		

Comments

All mechanical properties are as per Qualification Test Coupon.
Electric Furnace - Fine Grain

We certify that the foregoing is a true and correct report of the values obtained and/or as is contained on file in our records and that they comply with the requirements of the specifications unless noted.

Signed:  Date: February 14, 2005
Academy Quality Assurance



ACADEMY PETROLEUM INDUSTRIES

4066-78 AVENUE, EDMONTON, ALBERTA T6B 3M8

PHONE: (780) 466-6360 FAX: (780) 466-6380

E-mail: acadpet@telusplanet.net



ISO-9001:2000

PI 6A LIC. - 0380
16A LIC. - 0077
16C LIC. - 0028

A B S A REGISTERED

Certificate of Compliance

10252-8
02/18/05
C-26

Date: February 14, 2005	Customer: Bluestar Welding	Academy W/O #: 42543
Part Description: 3" WELD TEES C/W 3 1/2 POW X 2" BORE		Cust. P.O. #: 37555
Quantity: 6	Serial #'s: 42543-5-ACD	S/O Item #: 5

This is to certify that the above noted part has been:

- Manufactured in accordance with all in-house policies and procedures and in compliance with the customer's requirements and/or specifications and;
- Inspected in accordance with Academy Petroleum Industries Inspection Procedure AP-10 Revision M and found to be acceptable.

The following indicated procedures have been performed and documentation is attached as required:

Procedure		Comments
Dimensional Verification	✓	As per all applicable drawings.
Visual Inspection	✓	
Hardness Testing		See attached report.
Non-Destructive Examination		MPI performed, see attached reports.
Stress Relieving		See attached report.
Hydrostatic Testing		See attached report.
Material Test Reports	✓	See attached reports.

Notes:

Assurance

Academy Petroleum Industries



A LIC. - 0380
A LIC. - 0077
16C LIC. - 0028

ACADEMY PETROLEUM INDUSTRIES

4066-78 AVENUE, EDMONTON, ALBERTA T6B 3M8

PHONE: (780) 466-6360 FAX: (780) 466-6380

E-mail: acadpet@telusplanet.net



ISO-9001:2000

A B S A REGISTERED

Certificate of Compliance

Date: February 17, 2005	Customer: Bluestar Welding	Academy W/O #: 42543
Part Description: DOUBLE STUDDED ADAPTER 4 1/16" 10,000 BX155 X 3 1/16" 10,000 BX154 X 3.50" THICK		Cust. P.O. #: 37555
Quantity: 4	Serial #'s: 42543-7-ACD-7 to 10	S/O Item #: 7

This is to certify that the above noted part has been:

- Manufactured in accordance with all in-house policies and procedures and in compliance with the customer's requirements and/or specifications and;
- Inspected in accordance with Academy Petroleum Industries Inspection Procedure AP-10 Revision M and found to be acceptable.

The following indicated procedures have been performed and documentation is attached as required:

Procedure		Comments
Dimensional Verification	✓	As per all applicable drawings.
Visual Inspection	✓	
Hardness Testing		See attached report.
Non-Destructive Examination		MPI performed, see attached reports.
Stress Relieving		See attached report.
Hydrostatic Testing		See attached report.
Material Test Reports	✓	See attached reports.

Notes:


Quality Assurance

Academy Petroleum Industries



API 6A LIC - 0380
API 6A LIC - 0977
LIC - 0028

ACADEMY PETROLEUM INDUSTRIES

4066-78 AVENUE, EDMONTON, ALBERTA T6B 3M8

PHONE: (780) 466-6360 FAX: (780) 466-6380

E-mail: acadpet@telusplanet.net



QMI 1000000000

A B S A REGISTERED

Certified Material Test Report

10252-P
02/13/05
CZL

Date: February 16, 2005		Academy W/O #: 42543		Mill Test Report No.: 28428	
Customer: Bluestar Welding				Customer P.O. No.: WADE	
Description: D. S. A 4 1/16" 10,000 BX155 X 3 1/16" 10,000 BX154 X 3.50" THICK					
API 6A PSL: 1		API Temp Class: L		API Fluid Rating: DD	
API Mat'l Designation: 75K					
Mat'l Grade: 4130		Heat #: 308554		Academy Mat'l APP #: 301 E	
Size: 13 25					
Mat'l Form: Bar ☒ Casting ☐ Forging ☒ Other: ☐					

Heat Treatment Specifications

Normalize 1650 F / 8Hrs Air Cool

Austenitize 1575 F / 12 Hrs

Temper 1200 F / 14 Hrs

Mechanical Test Results

Property	Results
Yield Strength @ 0.2% Offset (psi)	92700
Tensile Strength (psi)	113700
Elongation (% in 2 inches)	23.8
Reduction Of Area (%)	69.7

Property	Results
CVN Impact @ -75°F (ft-lb)	45-46-41
Linear Expansion	24.6-26.3-24.5
Shear (%)	40-40-30
Brinell Hardness	223/229

NACE MR0175 compliant: ☒ Yes ☐ No

Chemical Analysis

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	V	Sn	Al			
0.320	0.600	0.010	0.010	0.230	0.980	0.160	0.230	0.120	0.010	-	0.014			

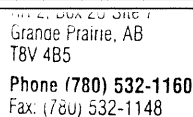
Comments

All mechanical properties are as per Qualification Test Coupon.

We certify that the foregoing is a true and correct report of the values obtained and/or as is contained on file in our records and that they comply with the requirements of the specifications unless noted.

Sig:  Date: February 16, 2005

Academy Quality Assurance



5725

REFERENCE

QC JOB # 10252-P

UNIT # 17

PHONE 532-1160

LOCATION G.P. SHOP

[illegible]

WHITE - SUPPLIER

YELLOW - OFFICE

PINK - QUALITY CONTROL



PH : (780) 532-1160
FAX: (780) 532-1148

RR #2, SITE 7, BOX 20
GRANDE PRAIRIE, AB
T8V 2Z9
www.bluestarwelding.com

Bill To: BLUESTAR WELDING

Date: FEBRUARY 1, 2005

P.O. / AFE #: 5725

Ship To:
PURE ENERGY
JOB #10252-P

02/01/05
CPL

Quantity	Description
20'	3 1/2" X 2.0" ID. SEAMLESS PIPE API AISI 4130 HT# 4M 46839

JOB # 10252-BLUESTAR

QCI _____ DATE _____

QCM 18/05 DATE 8/05

1 OF 4
Ingleton (CS)
AIR WEAVING
215
4459



PLYMOUTH TUBE CO-- MATERIAL TEST REPORT

572 W. State Road 14 Wiaman, IN 46996 OS FORM 612 Date 5/26/03
voice: 574-946-3125 fax: 574-946-3184
ISO/TS 16949:2002 Quality Management System Registered thru ABS Quality Eval.
ABS Certificate # 2462 IATF Certificate # 6017842 (9/8/03)

Date: 07/28/04	Customer P.O.: 97773-PE	Order No: 35-15422	Signature: <i>[Signature]</i> Lab Tech	Page: 1 of 1
Customer: TUBE SUPPLY, INC. 5169 ASHLEY COURT HOUSTON TX 77041		Specification(s): ASTM A-519-03 GR:4130		Melt Source: MACSTER
Product Description: 3.500" OD X .765" AW		Grade: 4130		Method of Manufacture: ELECTRIC ARC FURNACE MELTED AIRCRAFT QUALITY CONTINUOUS CAST NOT FINISHED BRANLERS
		AS ROLLED		MOR & Other Tests:



CHEMICAL COMPOSITION (% WT.)																	
Heat No.	Sample	C	Mn	P	S	Si	Al	Cr	Mo	Ni	Pb	Cu	V	Ti	Sn	Zn	Nb
4M46833	Endle	.29	.57	.012	.008	.19	.017	.37	.19	.13		.19	.003		.088		.002
	Product 1	.32	.59	.0122	.0081	.20	.0162	.39	.19	.13		.21	.0026	.0100	.0089		.0009
	Product 2	.32	.59	.014	.0107	.22	.0184	.36	.19	.14		.21	.0026	.0100	.0095		

MECHANICAL PROPERTIES													
Heat No.	Tensile (ksi)	Yield (ksi)	%Elong (in 2")	HR/A	Tensile (ksi)	Yield (ksi)	%Elong (in 2")	HR/A	Hardness(HB)	Flare	Rev. Flare	Flare	Flange
4M46833	107.4	66	27						217 217				

METALLURGICAL PROPERTIES																				
Heat No.	Jominy Hardenability Results												Macroetch Results				Grain Size		Decarburisation	
	J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12	S	R	C	7	OD	ID		
4M46833	50	50	48	45	41	37	35	33	32	30	28	27	1	1	2					
Heat No.	Microcleanliness Ratings								RAM Ratings		Mag. Particle	Cleanliness								
	AT	AN	BT	BE	CT	CE	DT	DE	B-Type	D-Type	Frequency	Severity								
4M46833											0.000	0.000								

Material was manufactured in accordance with the Wiaman Quality System Manual 3rd Edition, Revision 02, Dated 3/13/03. We certify this material to be Mercury-free.
We hereby certify that the described material has been manufactured, inspected, and tested in accordance with the above specification(s) and satisfies the requirements.

4M46833

Re 1

10252-P
FEB 1 2005

676

TEXAS STEEL CO VERSION, INC

QUALITY TEST REPORT

CUSTOMER TU E SUPPLY

TEST # 71507-B

SO# 2-9/1629A SIZE : 3 500X0.765

LOT # 269019

PO# 98449

UPSET: F

HEAT # 4M46839

MILL: PLYMOUTH-

GRADE: F 180

MEG.PROC. : SMLS

MACSTEEL

SPEC : A 1:5CT (7th edition)

HEAT TREAT: Q&T

ISO:11960 (2001)

JTS/LOT : 29

TENSILE TEST

DIMENSIONS (Inches)	AREA (Sq.In.)	YIELD STRENGTH (lbs/Sq.In.)	TENSILE STRENGTH (lbs/Sq.In.)	% ELONG (IN 2")	ROA (%)
0.752x0.760	0.580	83500	100600	32.6	72.0

BODY TYPE: LONGITUDINAL STRIP

UPSET HARDNESS VARIATION (HRC)

QUADRANT	1	2	3	4
O.D. VALUE	17.5	17.0	17.0	17.7
M.I. VALUE	15.9	17.2	17.0	17.5
I.D. VALUE	15.6	15.6	15.8	15.4



CHARPY TYPE

CHARPY IMPACT TEST

LOCATION: BODY-MID WALL

IMPACT
(ft-lbs)LATERAL EXPANSION
(mm)FRACTURE
(% D/F)

TESTED AT -50°F	96.0	57	90
SIZE: 10X10 mm	95.0	55	95
ORIENTATION: LONGITUDINAL	99.0	59	95
Average	96.7		

CHEMICAL PRODUCT ANALYSIS

	C	Si	Mn	P	S	Cr	Mo	Ni	V	Al	Nb	Ba	Ti	Cu	C1	B
1	.32	.19	.56	.013	.009	.95	.19	.13	.004	.018	.002	.008	.003	.22	.0122	.0004

Daniel Mendoza
Lab Technician

DATE

10-15-04

3101 Holmes Road, Houston, TX 77051-1199, Tel: (713) 733-6013, FAX: (713) 733-9248, Form OCTO. 05/27/03, Rev 15

TEXAS STEEL CONVERSION, INC

QUALITY TEST REPORT

CUSTOMER: TUBE SUPPLY

SO#	269/1629A	SIZE	3.500X0.765	TEST #	71507-F
PO#	98449	WESET:	PE	LOT #	269019
MILL:	PLMOUTH-	GRADE:	N/L60	HEAT #	4M46839
	MACSTEEL	SPEC:	API:5CT(7th edition)	MEG. PROC.:	SMLS
			ISO:11960(2001)	HEAT TREAT:	Q&T
			T.S.	# JTS/LOT:	29

DIMENSIONS	AREA	YIELD STRENGTH	TENSILE STRENGTH	% ELONG	ROP
(Inches)	(Sq. In.)	(lbs/Sq. In.)	(lb/Sq. In.)	(in 2")	(%)
0.776X0.730	0.574	83600	101300	32.9	72.1

BODY TYPE: LONGITUDINAL STRIP

TENSILE SPECIMEN HARDNESS VALUES (HRC)

O.D. 16.2
MID 15.7
I.D. 15.5



CHEMICAL PRODUCT ANALYSIS

#	C	Si	Mn	P	S	Cr	Mo	Ni	V	Al	Nb	Sn	Ti	Cu	Ca	B
2	.32	.19	.56	.015	.010	.95	.19	.13	.003	.018	.001	.009	.003	.22	.0022	.0005

Daniel H.
Daniel Pandora
Lab Technician

10-15-04
DATE

3101 Holmes Road, Houston, TX 77031-1199. TEL: (713) 731-6613. FAX: (713) 733-9248. Form CIO. 05/27/03. Rev 65



Grande Prairie, AB
T8V 4B5
Phone (780) 532-1160
Fax: (780) 532-1148

PURCHASE ORDER

5980

10252-P
03107101
C26

DATE FEB 12-2005

ACADEMY PETROLEUM INDUSTRIES

REFERENCE BS10K4MM-05 A/B

4066-7E

PO JOB # 10252-D

EDMONTON T6P-3MB

UNIT # _____

PHONE (150) 466-6360

LOCATION G.P. SHOP

QUANTITY	UNIT OF MEASURE	DESCRIPTION	UNIT PRICE	G.S.T.	TOTAL
3	3'1/16"	10.000* BX154 RTJWN x 2" FIC 1502			
		MALE SUB - WING AISI4130			
3	3'1/16"	10.000* BX154 RTJWN x 2" FIC 1502			
		FEMALE SUB AISI4130			
JOB #10252² BLUESTAR QCI <u>[Signature]</u> DATE <u>Mar 8/05</u> DATE <u>05</u>					
				SUBTOTAL	
				GST	
				TOTAL	

SHIP TO ADDRESS: ABOVE ADDRESS VIA CANADIAN FREIGHTWAYS

SIGNATURE [Signature]

15

/ Calgary Petroleum Industries



API Lic. need Spec -0380 Spec 16A-0077
 ABSA I registered

4066-78 Ave, Edmonton, AB, T6B 3M8
 Tel: (780) 466-6360 Fax: (780) 466-6380
 Email: acadpet@telusplanet.net

ISO 9001 Registered Firm
 ABSA Registered

Packing List #: 13644

Date: 2/28/2005

Packing List

Sold To: Fluostar Welding
 Box 20, Site 7, R.L. # 2

Ship To:

Grande Prairie AB T8V 2Z9
 Phone: (780)532-1160 Ext
 Fax: (780)532-1148 Ext

Phone:
 Fax:

Delivery Date: 2/12/2005

Orig Order Date: 2/12/2005

RUSH

Part# Ours/Yours

XWECO-3-06-10X2-1502M

3 1 1

Ord Ship B/O

Customer 2/28/2005

Syed Rizvi

42760 37776

Customer BLU002

Payment

Term

Contact

Unit

WADE

\$/Unit

Customer PO

Loc:

Bin:

Total

Bin:

Unit

Loc:

Bin:

Unit

Loc:

Bin:

Unit

Loc:

Bin:

Unit

Loc:

Bin:

Unit

General Notes: This Document Generated from SalesOrder 37776

Ship Notes:

Picked Up by:

(Please Print)

Signature:

PickUp Date:

Approved By: Syed Rizvi

Signature:

28-Feb-05
 11:11



API 6A LIC. - 0380
API 16A LIC. - 0077
API 16C LIC. - 0025

ACADEMY PETROLEUM INDUSTRIES

4066-78 AVENUE, EDMONTON, ALBERTA T6B 3M8

PHONE: (780) 466-6360 FAX: (780) 466-6380

E-mail: acadpet@telusplanet.net



ISO-9001:2000

A B S A REGISTERED

Certificate of Compliance

Date: February 28, 2005	Customer: Bluestar Welding	Academy W/O #: 42760
Part Description: FLANGED X WECO 3 1/16" 10,000 BX154 X 2" FIG. 1502 FEMALE C/W SEAL RING		Cust. P.O. #: N/A
Quantity: 1	Serial #'s: 42 / 60-2-ACD-1	S/O Item #: 2

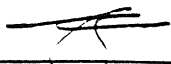
This is to certify that the above noted part has been:

- Manufactured in accordance with all in-house policies and procedures and in compliance with the customer's requirements and/or specifications and;
- Inspected in accordance with Academy Petroleum Industries Inspection Procedure AP-10 Revision M and found to be acceptable.

The following indicated procedures have been performed and documentation is attached as required:

Procedure		Comments
Dimensional Verification	✓	As per all applicable drawings.
Visual Inspection	✓	
Hardness Testing	✓	See attached report.
Non-Destructive Examination		MPI performed, see attached reports.
Stress Relieving		See attached report.
Hydrostatic Testing	✓	See attached report.
Material Test Reports	✓	See attached reports.

Notes:


Quality Assurance

Academy Petroleum Industries



API 6A LIC - 0380
API 16 - 0377
API 16C LIC - 0028

ACADEMY PETROLEUM INDUSTRIES

4066-78 AVENUE, EDMONTON, ALBERTA T6B 3M8
PHONE: (780) 466-6360 FAX: (780) 466-6380
E-mail: acadpet@telusplanet.net



ISO-9001:2000

A B S A REGISTERED

Certified Material Test Report

10252-1
03/07/05
CJH

Date: February 23, 2005		Academy W/O #: 42760		Mill Test Report No.: 28188-1	
Customer: Bluestar Welding				Customer P.O. No.: N/A	
Description: FLANGED X WECCO 3 1/16" 10,000 BX154 X 2" FIG. 1502 FEMALE					
API 6A PSL: 3	API Temp Class: L	API Fluid Rating: DD	API Mat'l Designation: 75K		
Mat'l Grade: 4130	Heat #: A3989	Academy Mat'l APP #: 301 E		Size: 10.71	
Mat'l Form: Bar ☒ Casting ☐ Forging ☐ Other: ☐					

Heat Treatment Specifications

Water Quench @ 1652 F / 6.50 hrs
Temper @ 1238 F / 9.00 hrs
Stress Relieved @ 1184 F / 10.75 Hrs
Starting And Ending Water Quench Temperature Do Not Exceed 100F

Mechanical Test Results

Property	Results
Yield Strength @ 0.2% Offset (psi)	77,140
Tensile Strength (psi)	100,630
Elongation (% in 2 inches)	24.0
Reduction Of Area (%)	51.0

Property	Results
CVN Impact @ -75°F (ft-lb)	54.2/52.4/50
Linear Expansion	
Shear (%)	
Rockwell C Hardness	18.1/19.3

API 6A compliant: ☒ Yes ☐ No

Chemical Analysis

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	V	Sn	Al			
.314	.541	.009	.007	.277	1.068	.172	.232	.142	.004					

Comments

All mechanical properties are as per Qualification Test Coupon
Electric furnace - VD

We certify that the foregoing is a true and correct report of the values obtained and/or as is contained on file in our records and that they comply with the requirements of the specifications unless noted.

Signed:  Date: February 23, 2005

Academy Quality Assurance



API 6A LIC. - 0380
API 16A LIC. - 0077
API 16C LIC. - 0028

ACADEMY PETROLEUM INDUSTRIES

4066-78 AVENUE, EDMONTON, ALBERTA T6B 3M8
PHONE: (780) 466-6360 FAX: (780) 466-6380
E-mail: acadpet@telusplanet.net



ISO-9001:2000

A B S A REGISTERED

Hardness Inspection Report

Date: February 28, 2005	Customer: Bluestar Welding	Academy W/O #: 42760
Part Description: FLANGED X WECO 3 1/16" 10,000 BX154 X 2" FIG. 1502 FEMALE C/W SEAL RING		Cust. P.O. #: N/A
Reference Drawing/Sheet: ☐ Attached ☐ N/A		Part #/ Serial #: 42760-2-ACD-1

Examination Standard: ASTM E-10 or ASTM E-18

Acceptance Standard: ☒ API Specification 6A 19th Edition (see Table 11 for applicable section)
☐ API Specification 16A Third Edition (Section 8.5.1.4)
☐ API Specification 16C First Edition (Section 6.3.6.4.1)
☒ NACE MR0175 Latest Edition

Dwg Ref. # or Location	Brinell Hardness					Comments
	Parent Metal	HAZ	Weld Metal	HAZ	Parent Metal	
ACD-1	229					

Interpretation is done in accordance with the above mentioned standards. As this is a subjective analysis the final interpretation of these measurements is the responsibility of the customer.


Quality Assurance

Academy Petroleum Industries



ACADEMY PETROLEUM INDUSTRIES

4066-78 AVENUE, EDMONTON, ALBERTA T6B 3M8

PHONE: (780) 466-6360 FAX: (780) 466-6380

E-mail: acadpet@telusplanet.net



ISO-9001:2000

API 6A LIC. - 0380
API 16A LIC. - 0077
API 16C LIC. - 0028

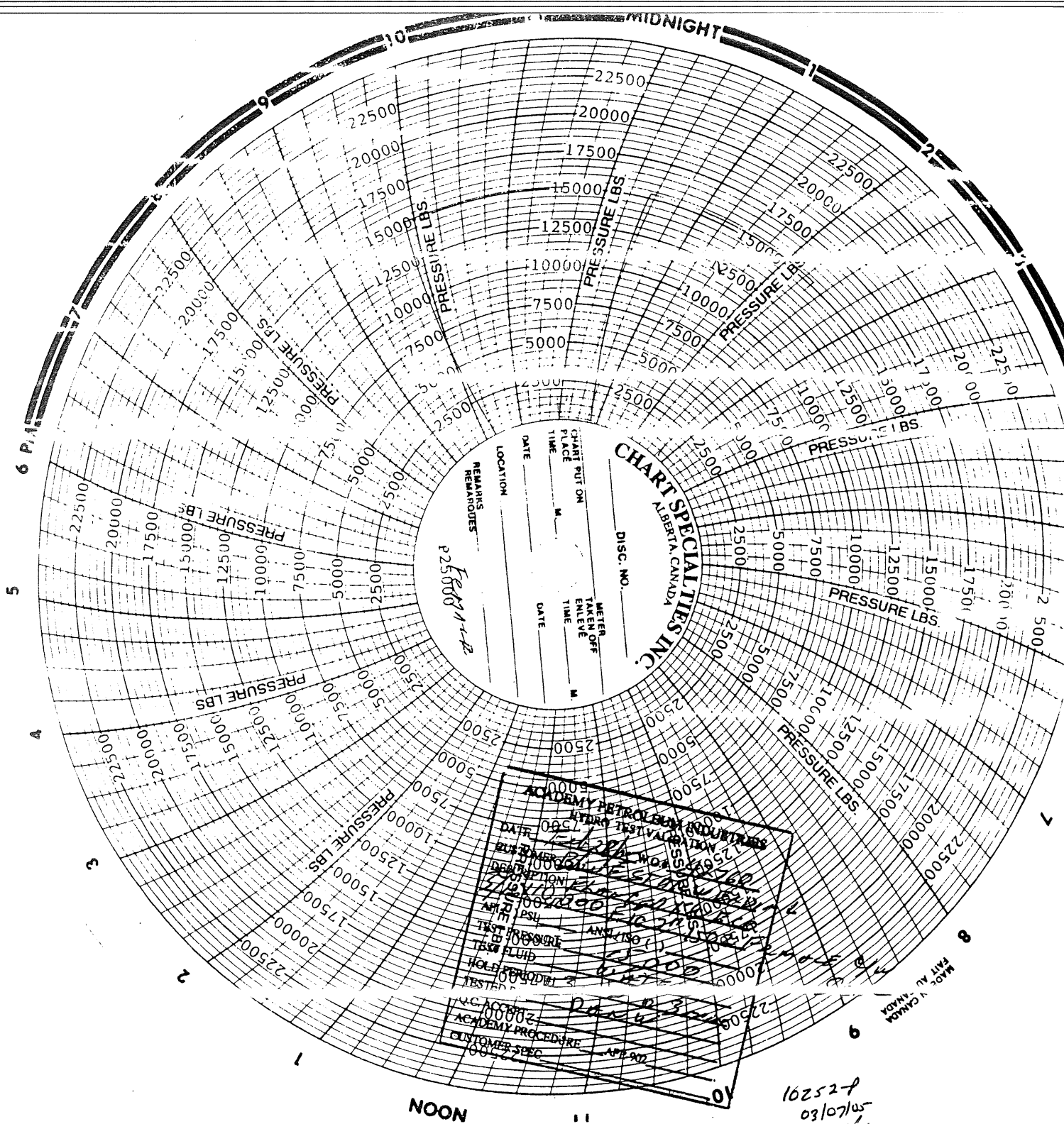
A B S A REGISTERED

Hydrostatic Pressure Test Certificate

Customer: Bluestar Welding		Cust. P.O. #: N/A	Academy W/O #: 42760
Part Description: FLANGED X WECO 3 1/16" 10,000 BX154 X 2" FIG. 1502 FEMALE C/W SEAL RING			
Part #:	Serial #: 42760-2-ACD-1	Working Pressure (psi): 10000	
Hydrostatic Test Spec:		☒ API 6A (Section 7.4.9.3.3) ☐ ASME B16.5 (Section 8.3) ☐ API 16A (Section 8.5.8.6) ☐ Other ☐ API 16C (Section 6.4.4) ☐ As per Customer Requirements	
Flange Type: ☒ API ☐ ANSI ☐ Other		API 6A PSL: ☒ 1 ☐ 2 ☐ 3 ☐ N/A	
Recording Device: Clif Mock Model MFG4587 (Serial #CS-081)			
Description of Tested Components			
Component (body, flange, EFSO, etc.)	Material Grade & Yield Strength		Heat #
Body	4130-75K		A3989
Hydrostatic Test			
Required Test Pressure (psi)	Actual Test Pressure (psi)	Req'd Test Duration (min.)	Actual Test Duration (min.)
15000	15,100	3	3.0 min
15000	15,300	3	3.0 min
Comments			
No visible leakage at time of test.			

We hereby certify that the above tests have been conducted and that the results satisfy the applicable specification at the time of testing.

Tested By: <i>D. W. [Signature]</i>	Date: Feb 28/05
Academy Quality Assurance:	Date:





API 6A LIC. - 0380
API 16A LIC. - 0077
API 16C LIC. - 0028

ACADEMY PETROLEUM INDUSTRIES

4066-78 AVENUE, EDMONTON, ALBERTA T6B 3M8

PHONE: (780) 466-6360 FAX: (780) 466-6380

E-mail: acadpet@telusplanet.net



ISO-9001:2000

A B S A REGISTERED

Certificate of Compliance

Date: February 28, 2005	Customer: Bluestar Welding	Academy W/O #: 42760
Part Description: FLANGED X WECCO 3 1/16" 10,000 BX154 X 2" FIG. 1502 MALE C/W NUT, SEGMENTS & SNAP RING		Cust. P.O. #: N/A
Quantity: 1	Serial #'s: 42760-1-ACD-1	S/O Item #: 1

This is to certify that the above noted part has been:

- Manufactured in accordance with all in-house policies and procedures and in compliance with the customer's requirements and/or specifications and;
- Inspected in accordance with Academy Petroleum Industries Inspection Procedure AP-10 Revision M and found to be acceptable.

The following indicated procedures have been performed and documentation is attached as required:

Procedure		Comments
Dimensional Verification	✓	As per all applicable drawings.
Visual Inspection	✓	
Hardness Testing	✓	See attached report.
Non-Destructive Examination		MPI performed, see attached reports.
Stress Relieving		See attached report.
Hydrostatic Testing	✓	See attached report.
Material Test Reports	✓	See attached reports.

Notes:


Quality Assurance

Academy Petroleum Industries



API 6A LIC. - 0380
API 16A LIC. - 0077
API 16C LIC. - 0028

ACADEMY PETROLEUM INDUSTRIES

4066-78 AVENUE, EDMONTON, ALBERTA T6B 3M8
PHONE: (780) 466-6360 FAX: (780) 466-6380
E-mail: acadpet@telusplanet.net



ISO-9001 2001

A B S A REGISTERED

Certified Material Test Report

1257-0
03107105
c2ll

Date: February 23, 2005		Academy W/O #: 42760		Mill Test Report No.: 28188-1	
Customer: Bluestar Welding				Customer P.O. No.: N/A	
Description: FLANGED X WECO 3 1/16" 10,000 BX154 X 2" FIG. 1502 MAT'L					
API 6A PSL: 3		API Temp Class: L		API Fluid Rating: DD	
API Mat'l Designation: 75K					
Mat'l Grade: 4130		Heat #: A3080		Academy Mat'l APP #: 2015	
Mat'l Form: Bar ☒ Casting ☐ Forging ☐ Other:					

Heat Treatment Specifications

Water Quench @ 1652 F / 6.50 hrs
Temper @ 1238 F / 9.00 hrs
Stress Relieved @ 1184 F / 10.75 Hrs
Starting And Ending Water Quench Temperature Do Not Exceed 100F

Mechanical Test Results

Property	Results
Yield Strength @ 0.2% Offset (psi)	77,140
Tensile Strength (psi)	100,630
Elongation (% in 2 inches)	24.0
Reduction Of Area (%)	51.0

Property	Results
CVN Impact @ -75°F (ft-lb)	54.2/52.4/50
Linear Expansion	
Shear (%)	
Rockwell C Hardness	18.1/18.2

NACE MR0175 compliant: ☒ Yes ☐ No

Chemical Analysis

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	V	Sn	Al			
.314	.541	.009	.007	.277	1.068	.172	.232	.142	.004					

Comments

All mechanical properties are as per Qualification Test Coupon.
Electric furnace - VD

We certify that the foregoing is a true and correct report of the values obtained and/or as is contained on file in our records and that they comply with the requirements of the specifications unless noted.

Signed: _____ Date: February 23, 2005

Academy Quality Assurance



ACADEMY PETROLEUM INDUSTRIES

4066-78 AVENUE, EDMONTON, ALBERTA T6B 3M8

PHONE: (780) 466-6360 FAX: (780) 466-6380

E-mail: acadpet@telusplanet.net



ISO-9001:2000

API 6A LIC. - 0380
API 16A LIC. - 0077
API 16C LIC. - 0028

A B S A REGISTERED

Hardness Inspection Report

Date: February 28,2005	Customer: Bluestar Welding	Academy W/O #: 42760
Part Description: FLANGED X WECO 3 1/16" 10,000 BX154 X 2" FIG. 1502 MALE C/W NUT, SEGMENTS & SNAP RING		Cust. P.O. #: N/A
Reference Drawing/Sheet: ☐ Attached ☐ N/A		Part #/ Serial #: 42760-1-ACD-1

Examination Standard: ASTM E-10 or ASTM E-18

Acceptance Standard: ☒ API Specification 6A 19th Edition (see Table 11 for applicable section)
☐ API Specification 16A Third Edition (Section 8.5.1.4)
☐ API Specification 16C First Edition (Section 6.3.6.4.1)
☒ NACE MR0175 Latest Edition

Dwg Ref. # or Location	Brinell Hardness					Comments
	Parent Metal	HAZ	Weld Metal	HAZ	Parent Metal	
ACD-1	230					

Interpretation is done in accordance with the above mentioned standards. As this is a subjective analysis the final interpretation of these measurements is the responsibility of the customer.


Quality Assurance

Academy Petroleum Industries



API 6A LIC. - 0380
API 16A LIC. - 0077
API 16C LIC. - 0028

ACADEMY PETROLEUM INDUSTRIES

4066-78 AVENUE, EDMONTON, ALBERTA T6B 3M8

PHONE: (780) 466-6360 FAX: (780) 466-6380

E-mail: acadpet@telusplanet.net



ISO-9001:2000

A B S A REGISTERED

Hydrostatic Pressure Test Certificate

Customer: Bluestar Welding Cust. P.O. #: N/A Academy W/O #: 42760

Part Description: FLANGED X WECO 3 1/16" 10,000 BX154 X 2" FIG 1502 MALE G/W NUT SEGMENTS & SNAP RING

Part #: Serial #: 42760-1 ACD-1 Working Pressure (psi): 10000

Hydrostatic Test Spec: ☒ API 6A (Section 7.4.9.3.3) ☐ ASME B16.5 (Section 8.3)
☐ API 16A (Section 8.5.8.6) ☐ Other
☐ API 16C (Section 6.4.4) ☐ As per Customer Requirements

Flange Type: ☒ API ☐ ANSI ☐ Other API 6A PSL: ☒ 1 ☐ 2 ☐ 3 ☐ N/A

Recording Device: Clif Mock Model MFG4587 (Serial #CS-081)

Description of Tested Components

Component (body, flange, EFSO, etc.)	Material Grade & Yield Strength	Heat #
Body	4130-75K	A3989

Hydrostatic Test

Required Test Pressure (psi)	Actual Test Pressure (psi)	Req'd Test Duration (min.)	Actual Test Duration (min.)
15000	15100	3	3.5 min
15000	15200	3	3.5 min

No visible leakage at time of test.

We hereby certify that the above tests have been conducted and that the results satisfy the applicable specification at the time of testing.

Tested By: *[Signature]*

Academy Quality Assurance:

Feb 28/05

Date:

American Block Mfg Co

PO Box 1245

Houston, TX

77251-1245

Phone: (800) 572-9087 Fax : (281) 820-3861

MILL TEST REPORT

Date: 02/17/05

10:12:19

Heat Code:

Mill Heat#:

Item Description:

Specification:

Raw Description:

437
2887
24 FIG 1502 WING NUT
FORGING
4130

10252-P
02/07/05
CME

Chemical Analysis:

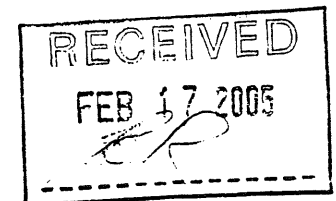
C: 0.330	MN: 0.530	P: 0.021	S: 0.025
SI: 0.210	CR: 1.030	NI: 0.000	CU: 0.000
MO: 0.170	CO: 0.000	AL: 0.000	V: 0.000
CB/NB: 0.000	TI: 0.000	W: 0.000	FE: 0.000
SR: 0.000	ZN: 0.000	SN: 0.000	CE: 0.658

Mechanical Tests:

Yield PSI: 86776	Yield MPA: 598
Tensile PSI: 109064	Tensile MPA: 752
Elongation: 21	Reduction: 59.0
BHN Hard: 234	Charpy Temp: -50 C
Charpy 1: 40.0	Charpy 2: 38.0
Charpy 3: 38.0	Charpy 2: 38.7

Other Tests:

Heat Treatment Process Type: NQT



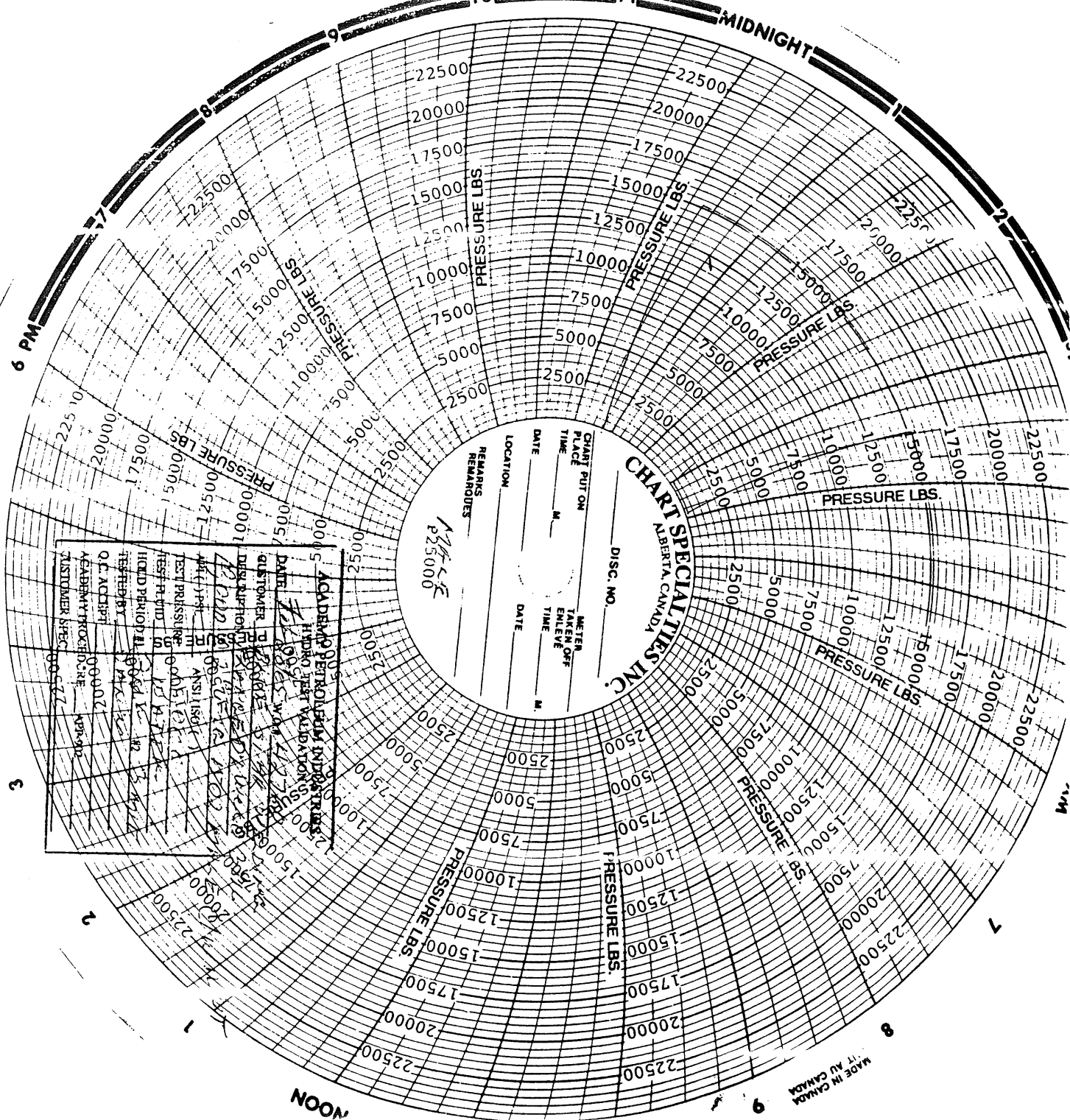
Certification:

Note: Specimen size 10 x 10 mm below the surface thickness up to 50 mm while at T/4 for greater thickness.

Heat Treat Condition: Normalized at 890 C for 3 Hrs. in air then cooling in still air from 890 C to 100 C temp.

We certify that this is a true & correct copy of the mill certificate, issued by the manufacturer of the steel employed or the laboratory which has determined it, as retained in the records of the company. ABCO makes no representation beyond those of the manufacturer or its agent.

MTL 28810

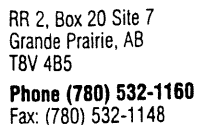


ACADEMY PETROLEUM INDUSTRIES
HYDRO TEST VALIDATION

DATE: 12/01/03
TIME: 10:00 AM
LOCATION: 1000007
METER: 1000007
TAKEN OFF: 1000007
ENVELOPE: 1000007

TEST PRESSURE: 1000007
TEST PERIOD: 1000007
TESTED BY: 1000007
O.C. ACCEPT: 1000007
ACADEMY PROCEDURE: 1000007
CUSTOMER SPEC: 1000007

1025-1
03107105
12/01/03



5721

THERMAL VALUES

Doc Brown

DATE DEC 10-04

REFERENCE

QC JOB # 10252-P

UNIT #

LOCATION

SHIP TO ADDRESS: _____ VIA LA FRENCH WAY

SIGNATURE

WHITE - SUPPLIER

YELLOW - OFFICE

QUALITY CONTROL



PACIFIC VALVE SERVICES INC.

9750 - 62 Avenue, Edmonton, Alberta T6E 0E3
24 Hr. Tel.: (780) 463-3972 • Fax: (780) 466-0492
Email: info@pacificvalve.com
Website: www.pacificvalve.com

NACE Verification Inspection Report

Customer: BLUE STAR WELDING Date February 14, 2000
P.O.# 5721 Rig # N/A Location PVS FACILITY
Equipment Description: 3-1/16" 10,000# QVM MANUAL GATE VALVE
Model: "Q-FC" PSL- 1 PR- 1 Temp.Class: "L-U" Material Class: "DD"
Engineering: QVM Serial # 5020701 Our W.O # 15223

NEW VALVE: SEE OEM CERTIFICATE OF CONFORMITY

Valve Conforms to NACE MR-01-75

Reviewed By:


RAVI MANI
Q.A. MANAGER

Performed By: QVM

Quality VALVE & MACHINE WORKS, INC.

P.O. BOX 24727
8827 CLINTON DR.

HOUSTON, TX 77229-4727
HOUSTON, TX 77029

(713) 675-7444
FAX: (713) 675-2518

CERTIFICATE OF CONFORMITY

Quality Valve & Machine Works, Inc. is engaged in the manufacture of API Gate Valves and Chokes, API Fittings, Manifold Assemblies, and Rotary Drilling Equipment for Service Pressures from 3,000 PSI MSP to 20,000 PSI MSP. Equipment manufactured in these facilities meets or exceeds the applicable sections of API Specification 6A, API Specification 7, ANSI Standard B31.3, ANSI Standard B16.5, and Nace Standard MR 01-75 for (W.O.G.) AND Sour Service. Quality Valve and Machine Works, Inc. is authorized to apply the API Monogram to Equipment manufactured in accordance with API Specification 6A and API Specification 7.

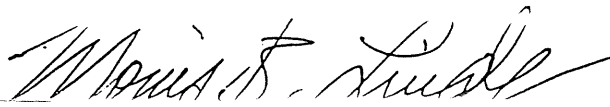
The following equipment was manufactured on QVM Sales Order No. **31133 PACIFIC VALVE SERVICES INC.**

Customer's Purchase Order No. **PO002350** is hereby Certified to have been manufactured, tested and inspected in accordance with applicable specifications as listed above.

Description:

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	9	00	VALVE, GATE MANUAL 3-1/16" 10M D QVM TYPE Q-FC H2S TRIM C/W HANDWHEEL API 6A-17 th ; PSL-1; DD; LU; PR-1

Signed:



Date: 02 / 08 / 05

SN: 05020701 thru SN: 05020709.



PACIFIC VALVE SERVICES INC.

9750 - 62 Avenue, Edmonton, Alberta T6E 0E3
24 Hr. Tel.: (780) 463-3972 • Fax: (780) 466-0492
Email: info@pacificvalve.com
Web: www.pacificvalve.com

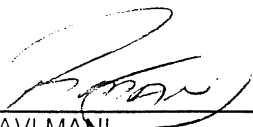
NACE Verification Inspection Report

Customer: BLUE STAR WELDING Date February 14, 2005
P.O.# 5721 Rig # N/A Location PVS FACILITY
Equipment Description: 3-1/16" 10,000# QVM MANUAL GATE VALVE
Model: "Q-FC" PSL- 1 PR- 1 Temp.Class: "L-U" Material Class: "DD"
Engineering: QVM Serial # 5020703 Our W.O # 15223

NEW VALVE: SEE OEM CERTIFICATE OF CONFORMITY

Valve Conforms to NACE MR-01-75

Reviewed By:


RAVI MANI
Q.A. MANAGER

Performed By: QVM

Quality VALVE & MACHINE WORKS, INC.

P.O. BOX 24727
8827 CLINTON DR.

HOUSTON, TX 77229-4727
HOUSTON, TX 77029

(713) 675-7444
FAX: (713) 675-2518

CERTIFICATE OF CONFORMITY

Quality Valve & Machine Works, Inc. is engaged in the manufacture of API Gate Valves and Chokes, API Fittings, Manifold Assemblies, and Rotary Drilling Equipment for Service Pressures from 3,000 PSI MSP to 20,000 PSI MSP. Equipment manufactured in these facilities meets or exceeds the applicable sections of API Specification 6A, API Specification 7, ANSI Standard B31.3, ANSI Standard B16.5, and Nace Standard MR-01-75 for (W.O.G.) AND Sour Service. Quality Valve and Machine Works, Inc. is authorized to apply the API Monogram to Equipment manufactured in accordance with API Specification 6A and API Specification 7.

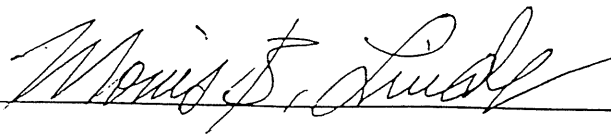
The following equipment was manufactured on QVM Sales Order No. **31133 PACIFIC VALVE SERVICES INC.**

Customer's Purchase Order No. **PO002350** is hereby Certified to have been manufactured, tested and inspected in accordance with applicable specifications as listed above.

Description:

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	9	00	VALVE, GATE MANUAL 3-1/16" 10M D QVM TYPE Q-FC H2S TRIM CW HANDWHEEL API 6A-17 th ; PSL-1; DD; LU; PR-1

Signed: _____



Date: 02 / 08 / 05

✓ N: 05020701 the SN: 05020709.



PACIFIC VALVE SERVICES INC.

9750 - 62 Avenue, Edmonton, Alberta T6E 0E3
24 Hr. Tel.: (780) 463-3972 • Fax: (780) 466-0492
Email: info@pacificvalve.com
Website: www.pacificvalve.com

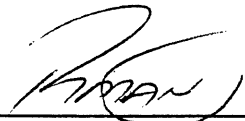
NACE Verification Inspection Report

Customer: BLUE STAR WELDING Date February 14, 2005
P.O.# 5721 Rig # N/A Location PVS FACILITY
Equipment Description: 3-1/16" 10,000# QVM MANUAL GATE VALVE
Model: "Q-FC" PSL- 1 PR- 1 Temp.Class: "L-U" Material Class: "DD"
Engineering: QVM Serial # 5020704 Our W.O # 15223

NEW VALVE: SEE OEM CERTIFICATE OF CONFORMITY

Valve Conforms to NACE MR-01-75

Reviewed By:


RAVI MANI
Q.A. MANAGER

Performed By: QVM

Quality VALVE & MACHINE WORKS, INC.

P.O. BOX 24727
8827 CLINTON DR.

HOUSTON, TX 77229-4727
HOUSTON, TX 77029

(713) 675-7444
FAX: (713) 675-2518

CERTIFICATE OF CONFORMITY

Quality Valve & Machine Works, Inc. is engaged in the manufacture of API Gate Valves and Chokes, API Fittings, Manifold Assemblies, and Rotary Drilling Equipment for Service Pressures from 3,000 PSI MSP to 20,000 PSI MSP. Equipment manufactured in these facilities meets or exceeds the applicable sections of API Specification 6A, API Specification 7, ANSI Standard B31.3, ANSI Standard B16.5, and Nace Standard MR-01-75 for (W.O.G.) AND Sour Service. Quality Valve and Machine Works, Inc. is authorized to apply the API Monogram to Equipment manufactured in accordance with API Specification 6A and API Specification 7.

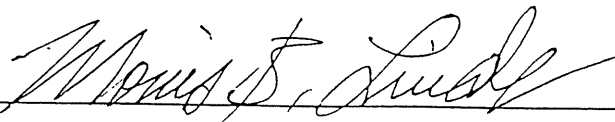
The following equipment was manufactured on QVM Sales Order No. **31133 PACIFIC VALVE SERVICES INC.**

Customer's Purchase Order No. **PO002350** is hereby Certified to have been manufactured, tested and inspected in accordance with applicable specifications as listed above.

Description:

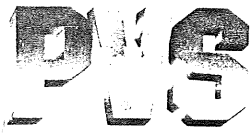
ITEM	QTY.	PART NUMBER	DESCRIPTION
1	9	00	VALVE, GATE MANUAL 3-1/16" 10M D QVM TYPE Q-FC H2S TRIM C/W HANDWHEEL API 6A 17th. PSI 4" DR. III PR-1

Signed: _____



Date: 02 / 08 / 05

Q.V. 05020701 H2 SN: 05020709



PACIFIC VALVE SERVICES INC.

9750 - 62 Avenue, Edmonton, Alberta T6E 0E3
24 Hr. Tel.: (780) 463-3972 • Fax: (780) 466-0492
Email: info@pacificvalve.com
Website: www.pacificvalve.com

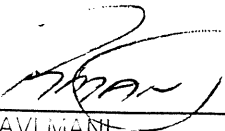
NACE Verification Inspection Report

Customer: BLUE STAR WELDING Date February 14, 2005
P.O.# 5721 Rig # N/A Location PVS FACILITY
Equipment Description: 3-1/16" 10,000# CORTEC ADJUSTABLE CHOKE c/w S.S. T.C. NEEDLE & SEAT
Model: "NH-2" PSL- 1 PR- 2 Temp.Class: "PU" Material Class: "EE"
Engineering: CORTEC Serial # 1003900-1-1013 Our W.O # 15223

NEW CHOKE: SEE OEM CERTIFICATE OF COMPLIANCE

Choke Conforms to NACE MR-01-75

Reviewed By:


RAVI MANTI
Q.A. MANAGER

Performed By: CORTEC



208 Equity Blvd
P.O. Box 2217
Houma, LA 70361
Phone: (985) 223-1966
Fax: (985) 223-1936

This **Certificate Of Compliance** verifies that these products were produced in accordance with your Purchase Order and its requirements and the requirements of API 6A, 17TH ED., NACE MR0175, and CORTEC Fluid Control Quality Management System.

Customer: PACIFIC VALVE SERVICES

Customer P.O.#: PO002348

QUANTITY: 3

PART NUMBER: CN120-1004300-3000-1821-12PUDE

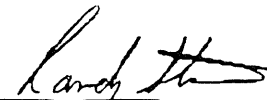
COMPONENTS: CORTEC MODEL NH2 AS ADJUSTABLE CHOKE ASSEMBLY WITH 3 1/16" 10,000 API RTJ FLANGES AND 2" SSTC STEM AND SEAT. (TFE PACKING).

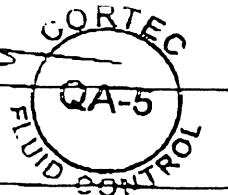
SERIAL NO.: 1003900-1-1012 THRU 1003900-1-1014

QUALITY LEVEL: PSL-1, MC-EE, TC-PU, PR-2

JOB NUMBER: CC040445

Q.A. MANAGER:


Randy Stein



DATE: 1-4-05



BARON OILFIELD SUPPLY LTD
9515 108 Street
GRANDE PRAIRIE, AB T8V - 5R7
(780)532-5661 FAX (780)513-2124

CUSTOMER NO. 000429		SALESMAN NO. ZZZ		PG 1 OF 1
BLUESTAR WELDING RR#2, SITE 7, P.O. BOX 100 GRANDE PRAIRIE, AB T8V 1L1		ORD BY CORRIE (780)532-1160		CHARGE INVOICE
BRANCH BARON - GRANDE PRAIRIE	WAYBILL NO.	O.A. Checked	GST Number R119375788	REFERENCE NUMBER 001-002415
DATE 2/28/05	BY BJL	YOUR ORDER NUMBER 2/22/05 282410	TERMS 20TH MONTH FOLL	SHIP VIA BTH

QTY ORDERED	QTY SHIPPED	QTY ORDERED	PART NUMBER AND DESCRIPTION	CODE	LIST PRICE	NET PRICE	UNIT	REMARKS
96	96	BYD	STU 1X512 L7M 1"X51/2" L7M STUD	TG				
96	96	BYD	STU 110X512 L7M 1-1/8"X 5-1/2" L7M STUD	TG				
			THE ABOVE ORDERED BY CORRIE. 02/22/05. BJL					
10	10	BYD	STU 110 7M 1 1/8" 7M NUT (28.58mm)	TG				
26	26		STU 1 7M 1" 7M NUT (28.58mm)	TG				
			ABOVE ORDERED BY CORRIE 02/22/05 CTH					
10	10		URO 4 212 OR CLAMP 4" FIG 212 PIPE RISER CLAMP	TG				
			THE ABOVE ORDERED BY BERGIE. 02/26/05. BJL					
			GOODS & SERVICES TAX (CODE 6)					

TERMS AND WARRANTY AS PER REVERSE SIDE. This order is being accepted without Material Test Reports (if applicable) and this is acknowledged by the undersigned.		GOODS RECEIVED BY:	
Signature: Y		ERRORS AND	TIME PREPARED



RR 2, Box 20 Site 7
Grande Prairie, AB
T8V 4B5
Phone (780) 532-1160
Fax: (780) 532-1148

PURCHASE ORDER

TO BARON OILFIELD SUPPLY

DATE FEBRUARY 16, 2005

REFERENCE _____

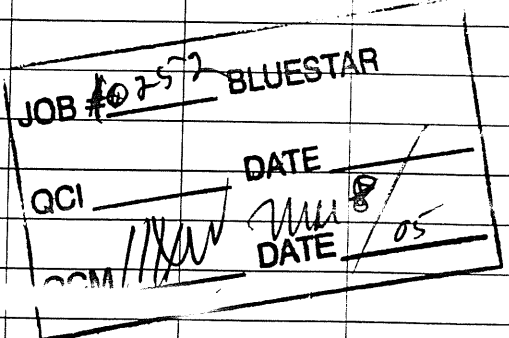
QC JOB # 10252-P

UNIT # _____

PHONE 532-5661

LOCATION G.P. SHOP

QUANTITY	UNIT OF MEASURE	DESCRIPTION	UNIT PRICE	G.S.T.	TOTAL
6	1"	3m THRD COUPLING SA105N			
1		TERRACE TEMP CONTROLLER			
4	1"	630 FISHER REGULATOR			
4	1"	627 FISHER REGULATOR			
4	1"	2m THRD. CROSS			
12	1"	90° 2m THRD ELL SA105N			
12	1"	2m THRD TEE SA105N			
5	1" x 3/4"	XH THRD SWAGE NIPPLE SA105N			
16	1"	2000* THRD BALL VALVE NACE TRIM			
16	1"	3m HEX PLUG SA105N			
4	1/2"	3m HEX PLUG SA105N			
16	1"	3m THRD RAILROAD UNION SA105N			
10	1/2"	2" XH THRD PIPE NIPPLE SA106B.			
10	1/2"	2 1/2" SAME AS ABOVE			
10	1/2"	3" SAME AS ABOVE			
10	1/2"	3 1/2" "			
10	1/2"	4" "			
10	1/2"	4 1/2" "			
10	1"	5 1/2" "			
10	1"	6" SAME AS ABOVE			
10	1"	8" XH THRD PIPE NIPPLE			

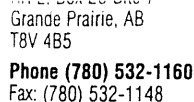


SHIP TO ADDRESS: _____ VIA BLUESTAR

SIGNATURE CJL

SUBTOTAL	
GST	
TOTAL	

WHITE - SUPPLIER YELLOW - OFFICE PINK - QUALITY CONTROL



5850

BARON OILFIELD 5 1

UNIT #

PHONE 532-5661

LOCATION *G.P. SHOP*

JOB #11252 BLUESTAR

QCI _____ DATE _____

QCM *[Signature]* DATE *June 8 / 05*

SHIP TO ADDRESS: _____ VIA BLUESTAR

SIGNATURE

SUBTOTAL

GST

TOTAL

WHITE - SUPPLIER

YELLOW - OFFICE

PINK - QUALITY CONTROL



BARON OILFIELD SUPPLY LTD
9515 168 Street
GRANDE PRAIRIE, AB T8V - 5R7
(780) 532-5661 FAX (780) 513-2124

578147 ALTA LTD BLUESTAR WELDING 1000 11TH ST. N.W. BOX 50 GRANDE PRAIRIE, AB T8V 2Z5		000429 JOB#10252 c.2 ATTN: JOANNE (780) 532-1160		777	10 OF 2
BRANCH BARON - GRANDE PRAIRIE		Q.A. Checked		GST Number R119375780	CHARGE INVOICE REFERENCE NUMBER 001-202059
MO. JAN	DAY 15	YR. 85	WRTN BY JTH	YOUR ORDER NUMBER 0250	TERMS 20TH MONTH FOLL
2/15/85 102059			SHIP VIA RTH		

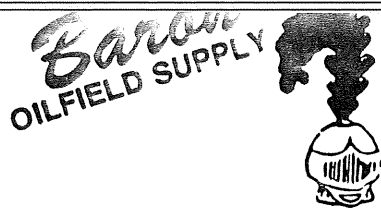
QTY	UNIT	DESCRIPTION	PRICE	TOTAL
6		FIT F31071 1" 3M THRD CPLG A105N HT: JZX JDBEL	TG	
1	✓	BYD THE 51000XTX011002X 91500XT-D-X01-10-02-X75 THE ABOVE ORDERED BY CORRIE 02/17/85 BTH	TG	
4	✓	REG 430 3530-121 FISHER 1" 46-95 PRESSURE REGULATOR	TG	
4	✓	REG 027 3627-490 FISHER 1" 15-40 PRESSURE REGULATOR	TG	
	✓	ORDERED BY BRENT 02/17/85 RBH		
12	✓	FIT F21041 1" 2M THRD CROSS A105N HT: 2132 BOTHW	TG	
12	✓	FIT F21011 1"X20 2M THRD ELL A105N HT: 2970 BOTHW	TG	
12	✓	FIT F21031 1" 2M THRD TEE A105N HT: 56235 BONNY	TG	
5	✓	VAL 0304 1"X3/4" XH SWAGE NIPPLE HT: 3040 CSP	TG	
15	✓	PLS 1 CSS 031 1" 2000N THRD BULV NACE	TG	
15	✓	FIT F04170 1" 3M HEX HD PLUG A105N HT: 2617 BONNY	TG	
	✓	FIT F04103 1" 3M HEX HD PLUG A105N HT: 2355 BONNY	TG	
15	✓	FIT F01001 1" 3M THRD UNION A105N HT: KC BONNY	TG	
15	✓	FIP F01002 1"X2" XH PIPE NIPPLE	TG	
15	✓	FIP F01005 1"X2 1/2" XH PIPE NIPPLE	TG	
15	✓	FIP F01003 1"X3" XH PIPE NIPPLE	TG	
15	✓	FIP F01005 1"X3 1/2" XH PIPE NIPPLE	TG	
15	✓	FIP F01040 1"X4" XH PIPE NIPPLE	TG	
15	✓	FIP F01045 1"X4 1/2" XH PIPE NIPPLE	TG	
15	✓	FIP F01055 1"X5" XH PIPE NIPPLE	TG	
15	✓	FIP F01055 1"X5 1/2" XH PIPE NIPPLE	TG	
15	✓	FIP F01060 1"X6" XH PIPE NIPPLE	TG	
15	✓	FIP F01064 1"X6" XH PIPE NIPPLE	TG	

TERMS AND WARRANTY AS PER REVERSE SIDE.
This order is being accepted without Material
Test Reports (if applicable) and this is
acknowledged by the undersigned.

GOODS RECEIVED BY:

TERMS AND

TIME PREPARED



BARON OILFIELD SUPPLY LTD
9515 100 Street
GRANDE PRAIRIE, AB T8V 5R7
(780)532-5661 FAX (780)513-2124

CUSTOMER NO. 000429		SALESMAN NO. 777	
570147 ALTA LTD BLUESTAR WELDING GRANDE PRAIRIE, AB T8V 2Z9		JOHN1025264 ATTN: JOANNE (780)532-1160	
BRANCH BARON - GRANDE PRAIRIE	WAYBILL NO.	Q.A. Checked	SHIP NUMBER R119375780
DATE 2/28/05	CTH	2/16/05 202059	YOUR ORDER NUMBER 5850
TERMS 20TH MONTH FOLL		SHIP VIA BTH	

PG 2 OF 2

CHARGE INVOICE
REFERENCE NUMBER
001-202059

QTY ORDERED	QTY SHIPPED	QTY ORDERED	PART NUMBER AND DESCRIPTION	CODE	LIST PRICE	NET PRICE	UNIT	NET AMOUNT
10	10		NIP 131074 1"X12" XH PIPE NIPPLE	TG				
4	4		THE ABOVE ORDERED BY BRENT 02/18/05 BTH					
			HUN 200 1 1" FIG 200 HAMMER UNION	TG				
			ORDERED BY JOANNE 2-18-05 DRS					
4	4		THE 12X12X4 316SS TW 1/2"X1/2"X4" 316SS THRWOWL	TG				
			FIT F84498 1"X1/2" HEX HD BUSH A105N	TG				
			HT: 2950 BOTHW					
			THE ABOVE ORDERED BY JOANNE 02/18/05 BTH					
56	56		STU 1X7 L7H 1"X7" L7H STUD	TG				
112	112		STU 1 7H 1" 7H NUT (28.58mm)	TG				
40	40		TUB 375035316SS 3/0"X.035 WALL 316SS	TG				
			SEAMLESS INSTRUMENTATION					
8	8		MAS 14 000 BR-1 1/4" 00000 THRD BVLV NACE	TG				
8	8		NIP Y30230 1/4"X3" XH PIPE NIPPLE	TG				
8	8		NIP Y30240 1/4"X4" XH PIPE NIPPLE	TG				
			FIT F20211 1/4"X90 2H THRD ELL A105N.	TG				
			HT: 56135 BONNY					
12	12		SMA 600-1-4 SS SWAGelok MALE CONN S/STL	TG				
			THE ABOVE ORDERED BY CORRIE 02/22/05 BTH					
10	10		USD 4 212 PR CLAMP 4" FIG 212 PIPE RISER CLMP	TG				
			ORDERED BY JOANNE 02/25/05 RJM					
			GOODS & SERVICES TAX (CODE 6)					

***** SPECIAL OF ALTERED MATERIALS ARE "NON RETURNABLE" AND CANNOT BE "CANCELLED" ON

TERMS AND WARRANTY AS PER REVERSE SIDE. This order is being accepted without Material Test Reports (if applicable) and this is acknowledged by the undersigned.	GOODS RECEIVED BY:
Signature: X	ERRORS AND TIME PREPARED

MENZIES PRINTERS 65824



5818

REFERENCE

QC JOB # 10252-P

UNIT #

LOCATION G.P. SHOP

PHONE 252-5661

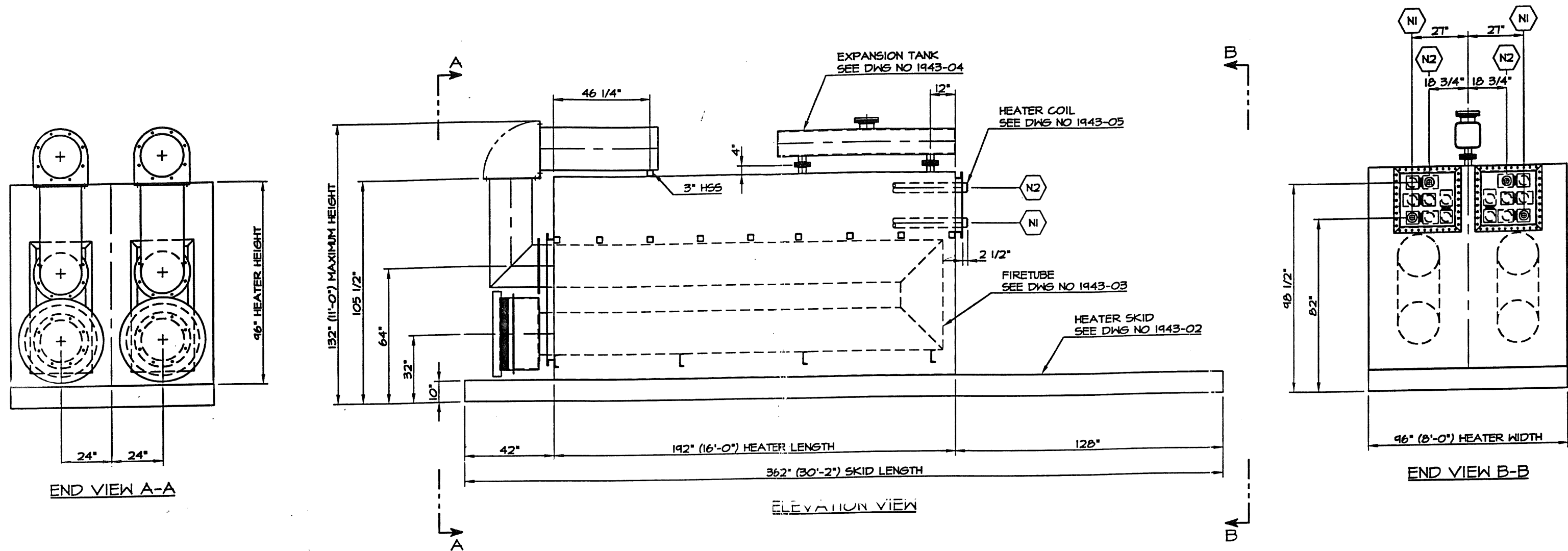
SHIP TO ADDRESS: _____ VIA Blue Star
SIGNATURE C. Z. L.

WHITE - SUPPLIER

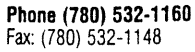
YELLOW - OFFICE

FINIS - QUALITY CONTROL

THIS DRAWING IS THE PROPERTY OF BLUE DIAMOND DESIGN LTD. IT IS NOT TO BE REPRODUCED WITHOUT THE PERMISSION OF BLUE DIAMOND DESIGN LTD.



0	05-01-07	ISSUED FOR APPROVAL	PJD...	W
NO.	DATE	REVISION	BY	AP
DIRECTOR WELDING LTD RR 2, SITE 7, BOX 20 GRANDE PRAIRIE, AB T8V 2Z9 TELEPHONE: (780) 532-1160 FAX: (780) 532-1148				
CLIENT:				
DATE:	05-01-07	4.0 MM HEATER GENERAL ARRANGEMENT (2) 4" COILS - 8 PASSES		
BDD NO.:	1943			
CUST. NO.:				
SCALE:	NTS			
DRAWN BY:	PJD...			
CHECKED BY:	WB	DWS NO.:	1943-01	RF
APP BY:				



5720

DATE DEC 3-04

REFERENCE _____

QC JOB # 10252-P

UNIT # _____

LOCATION: GP SHOP

PHONE 539-3262

JOB # 1025-2 BLUESTAR
QCI _____ DATE Jun 18
QCM h/h DATE /05

SHIP TO ADDRESS: _____ VIA FACE STEEL

SIGNATURE Wade Brant

SUBTOTAL
GST
TOTAL

		INSPECTION CERTIFICATE UNI EN 10204 3.1.B)		N. 00/00259 Page 2	
HARDNESS HRC requ. (4): requir.min 28,5 result 40,7 max 22,0 result 0,0 max 100,0 result 77,5					
TEST N. L5179 BEAT N. 901769					
TENSION TEST + 20,0°C TEST SPEC. : LONGITUDINAL WIDTH 26,10 THICK. 10,10 SECTION 253,9 mm ² YIELD POINT 0,5% (KSI) : requir min 35 result 52,1 TENSILE STRENGTH (KSI) : requir min 60 result 74,3 ELONGATION : CALIBRATED ON 2" 50,0 mm (4): requir.min 27,0 result 43,0					
HARDNESS HRC requ. max 22,0 result 0,0 HARDNESS HB requ. max 100,0 result 77,9 TECHNOLOGICAL TESTS PERFORMED WITH SATISFACTORY RESULTS: FLATTENING TEST : TEST PERFORMED AT ONE END OF 1 PIPE OF THE LOT					
TEST N. L5179/10 BEAT N. 901769					
TENSION TEST + 20,0°C TEST SPEC. : LONGITUDINAL WIDTH 28,00 THICK. 9,90 SECTION 247,5 mm ² YIELD POINT 0,5% (KSI) : requir min 35 result 34,1 TENSILE STRENGTH (KSI) : requir min 60 result 74,1 ELONGATION : CALIBRATED ON 2" 50,0 mm (4): requir.min 27,0 result 42,0					
HARDNESS HRC requ. max 22,0 result 0,0 HARDNESS HB requ. max 100,0 result 77,7 TECHNOLOGICAL TESTS PERFORMED WITH SATISFACTORY RESULTS: FLATTENING TEST : TEST PERFORMED AT ONE END OF 1 PIPE OF THE LOT					
TEST N. L5179/20 BEAT N. 901769					
TENSION TEST + 20,0°C TEST SPEC. : TRANSVERSAL WIDTH 38,00 THICK. 10,40 SECTION 395,7 mm ² YIELD POINT 0,5% (KSI) : requir min 35 result 51,0 TENSILE STRENGTH (KSI) : requir min 60 result 73,6 ELONGATION : CALIBRATED ON 2" 50,0 mm (4): requir.min 28,1 result 41,7					
HARDNESS HRC requ. max 22,0 result 0,0 HARDNESS HB requ. max 100,0 result 77,2					
TEST N. L5181 BEAT N. 901924					
TENSION TEST + 20,0°C TEST SPEC. : LONGITUDINAL WIDTH 25,30 THICK. 3,80 SECTION 247,9 mm ² YIELD POINT 0,5% (KSI) : requir min 35 result 49,1 TENSILE STRENGTH (KSI) : requir min 60 result 74,3 ELONGATION : CALIBRATED ON 2" 50,0 mm (4): requir.min 27,0 result 41,0					
HARDNESS HRC requ. max 22,0 result 0,0					
TADUNA, INC. Q.A. APPROVED GER 11/11/00					
DATE 20/06/2000		CHIEF OF QUALITY CERTIFICATION OPT Marco BELLOLI		QUALITY SERVICE MANAGER Angelo CIANCIOSI	

Follows

INSPECTION CERTIFICATE		N. 00/08759
PLANT: DALHINE		
HARDNESS HRB requ. max 100,0 result 80,1 TECHNOLOGICAL TESTS PERFORMED WITH SATISFACTORY RESULTS: FLATTENING TEST : TEST PERFORMED AT ONE END OF 1 PIPE OF THE LOT		
TEST N. L5181/10 HEAT N. 901924		
TENSION TEST + 20,0°C TEST SPEC. : LONGITUDINAL WIDTH 25,20 THICK. 9,70 SECTION 244,4 mm ² YIELD POINT 0,5% (KSI) : requir min 35 result 48,7 TENSILE STRENGTH (KSI) : requir min 60 result 74,5 ELONGATION : CALIBRATED ON 2" 50,0 mm result 10,1		
HARDNESS HRC requ. max 22,0 result 0,0 HARDNESS HRB requ. max 100,0 result 80,3 TECHNOLOGICAL TESTS PERFORMED WITH SATISFACTORY RESULTS: FLATTENING TEST : TEST PERFORMED AT ONE END OF 1 PIPE OF THE LOT		
TEST N. L5181/20 HEAT N. 901826		
TENSION TEST + 20,0°C TEST SPEC. : TRANSVERSAL WIDTH 38,00 THICK. 9,50 SECTION 361,0 mm ² YIELD POINT 0,5% (KSI) : requir min 35 result 40,7 TENSILE STRENGTH (KSI) : requir min 60 result 73,1 ELONGATION : CALIBRATED ON 2" 50,8 mm result 10,1 (4) : requir min 38,5		
HARDNESS HRC requ. max 22,0 result 0,0 HARDNESS HRB requ. max 100,0 result 79,6		
HEAT N. 901876		
HEAT ANALYSIS % C 0,17 Mn 0,87 Si 0,20 P 0,014 S 0,002 Cu 0,13 Ni 0,10 Cr 0,13 Mo 0,03 V 0,004 (V + Ni + Cr + Mo + Cu) = 0,394		
PRODUCT ANALYSIS % C 0,18 Mn 0,87 Si 0,27 P 0,013 S 0,002 Cu 0,13 Ni 0,10 Cr 0,13 Mo 0,03 V 0,003 (V + Ni + Cr + Mo + Cu) = 0,393		
TEST N. L5177		
PRODUCT ANALYSIS % C 0,18 Mn 0,87 Si 0,27 P 0,014 S 0,002 Cu 0,13 Ni 0,10 Cr 0,13 Mo 0,03 V 0,003 (V + Ni + Cr + Mo + Cu) = 0,393		
TEST N. L5178		
PRODUCT ANALYSIS % C 0,18 Mn 0,87 Si 0,27 P 0,014 S 0,002 Cu 0,13 Ni 0,10 Cr 0,13 Mo 0,03 V 0,003 (V + Ni + Cr + Mo + Cu) = 0,393		
TAD USA, INC. C.A. APPROVED GGR M/24/00		
DATE 20/04/2000	CHIEF OF QUALITY CERTIFICATION DPT MARGO BELLOLI	QUALITY SERVICE MANAGER ANGELA CIANCIOGI

INSPECTION CERTIFICATE (UNI EN 10204 3.1.B)		N. 00/08159 Page 4
PLANT: RAVITIME		
HEAT N. 901759		
HEAT ANALYSIS		
C 0,16	Mn 0,27	Si 0,25
NI 0,12	Cr 0,13	Mo 0,03
(V + Ni + Cr + Mo + Cu) = 0,403		
PRODUCT ANALYSIS		
C 0,16	Mn 0,26	Si 0,25
NI 0,12	Cr 0,13	Mo 0,03
(V + Ni + Cr + Mo + Cu) = 0,403		
TEST N. L5179		
P 0,013	S 0,002	Cu 0,14
V 0,003		
HEAT N. 901924		
HEAT ANALYSIS		
C 0,15	Mn 0,20	Si 0,25
NI 0,09	Cr 0,18	Mo 0,03
(V + Ni + Cr + Mo + Cu) = 0,454		
PRODUCT ANALYSIS		
C 0,15	Mn 0,20	Si 0,24
NI 0,09	Cr 0,18	Mo 0,03
(V + Ni + Cr + Mo + Cu) = 0,454		
TEST N. L5181		
P 0,018	S 0,003	Cu 0,15
V 0,004		
PRODUCT ANALYSIS		
C 0,17	Mn 0,20	Si 0,24
NI 0,09	Cr 0,18	Mo 0,03
(V + Ni + Cr + Mo + Cu) = 0,444		
TEST N. L5182		
P 0,015	S 0,002	Cu 0,15
V 0,004		
LEAK-TIGHTNESS TEST PERFORMED WITH SATISFACTORY RESULTS BY		
HYDRAULIC TEST PRESSURE 800,0 PSI FOR 5 Sec		
VISUAL AND DIMENSIONAL CONTROL HAS BEEN CARRIED OUT WITH SATISFACTORY RESULT		
STEEL IS FULLY KILLED AND PRODUCED BY ELECTRIC FURNACE		
REMARKS:		
WE HEREBY DECLARE THE TUBES ARE ACCORDING TO ASTM A 106/99 A 53/99 NAME SA 106 /53/99 API 5L 93 - STEEL GR. B " AT NO TIME DURING THE MANUFACTURE OF THIS REFERENCED PIPE WERE ANY WELDING PROCEDURES PERFORMED " HANDNESS DOES NOT EXCEED ENC 22, ACCORDING TO NACE MR-01-75 Ed.97. "MATERIALS MERCURY FREE" WE CERTIFY THAT OUR MATERIALS ARE FREE FROM OZONE.		
TAD S.p.A. INC. Q.A. APPROVED GTA P/My00		
DATE 20/04/2000	CHIEF OF QUALITY CERTIFICATION DPT Marco BILLOLI	QUALITY SERVICE MANAGER Angelo CIANCIOSI

Follow

 Dalmine PLANT: PALMIRA	INSPECTION CERTIFICATE (UNI EN 10206 3.1.8)	N. 00/08259 Page
RECEIVES AND FULLY COMPLY IN ALL RESPECTS TO THE PACKAGE REQUIREMENTS FOR HEAVY METALS OF THE CONEG MODEL LEGISLATION.		
CERTIFIED FACTORY UNI EN 100 9001: I.G.Q. Nr. 8603		
TADUBA, INC. QA-APPROVED GER PIMAYCO		
DATE 20/06/2000	CHIEF OF QUALITY CERTIFICATION DPT MARCO BELLOLI	QUALITY SERVICE MANAGER Angelo CIANCIOSI