




NOV RIG SOLUTIONS SPARES
 8404 W. HIGHWAY 90
 COMPANY 183
 NEW IBERIA, LA 70560 US
 (337) 364-4583 PHONE
 (337) 365-2545 NEW IBERIA FAX

1. CRATE

Packing Slip	124005
Cust PO	153-022973W
	
Cust Num	10207
Page	1 of 1

Packing Slip

Certificate of Conformance

Invoice To

B000 110 LAF
 DIAMOND OFFSHORE DRILLING
 PO BOX 4809
 HOUSTON, TX 77210 US

Ship To


S009
 DIAMOND OFFSHORE
 6501 FREETOWN ROAD
 ATTN: RECEIVING 337-365-5180
 NEW IBERIA, LA 70560 US

31934

We hereby certify that the parts and/or assemblies have been manufactured, assembled and inspected in accordance with all applicable NOV specifications and procedures. All material acceptances, dimensional inspections, proof and functional tests and NDT inspections were performed by NOV approved sources that meet API/ASME requirements.

Cust Contact	PAUL WARRINER ph: 281.647.22 fx: 281.647.2202	Date Printed	03/31/2009
Customer eMail	pwarriner@dodi.com	Freight Terms	PREPAY
Sales Rep	Cynthia Wilson	Carrier	DIAMOND CONSOLE
Ref/Rig Name	OCEAN TITAN	Ship Complete	
Sales Order	6328731	Reference BOL	DIACON 033109

Details

Line	Item Description	UM	Qty Ord	Ship Qty
0001	88618  SHAFT, MAIN, TDS-4, 650T LINE WILL SHIP COMPLETE Net Weight: 2100 LB Shipped Net Weight: 2100 LB Country of Origin: UNITED STATES OF AMERICA	EA	1.00	1.00

A 827-64

Authorized Signature _____
 Received By (Printed Name) _____
 Date _____

Gross Weight _____
 Car _____
 Seal _____
 Pro _____

End of Packing Slip: 124005

All items INVOICED by Packing Slip.

DIAMOND OFFSHORE
 CENTRAL WAREHOUSE

RECEIVED SUBJECT TO
 INTERNAL INSPECTION

RIG: 153

PO#: 153-22973W

DATE: 1 APR -09

BY: David Thomas



Ellwood City Forge
Ellwood City, PA

T

Sold To: National Oilwell Varco
PO Box 6626
Orange, CA 92868-6626

Date: 12/12/08
P.O.#: EF08118 REL 12-0
Job #: A827

Grade and Description: NICKMOV Z1066.88-CID

Specification: VARCO MS00004 GRADE A Rev AP Dtd 01/28/08.
Drawing #: 11-1/4" OD X 3" ID X 170" LG

Job #	Piece #	Heat/ Ingot #	Ingot Size	Ingot Weight	Product Size	Shipped Weight
A827	64	U4706-4			11-5/16 X 189-3/4	

CHEMICAL ANALYSIS

Heat #	C	Mn	P	S	Si	Ni	Cr	Mo	Al	V	Cu	Hppm	Ti
U4706	.33	.49	.006	.001	.18	2.30	1.06	.45	.015	.068	.16	1.3	.0025

TENSILE TEST RESULTS: TENSILE TEST DIA. .505"

BRINELL RESULTS

Piece #	Test Loc	Yield Strength .2% offset	Tensile Strength	Elong in 2"	R A %	BRINELL
64		159,000	170,500	18	59	397-388

IMPACT RESULTS: TEST SIZE: 10mm x 10mm

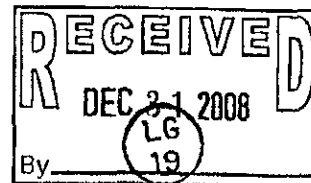
Piece#	Test Loc	Test Temp	Ft lbs.	%Shear	Lateral Expansion
64		-40 F	49 49 51		.030 .029 .030

CAPABLE OF MEETING GRAIN SIZE 5 OR FINER
CAPABLE OF MEETING MAG PART PER PARA 12 OF SPEC
HEAT TO 1650 DEG F 3 HRS MIN VERT NORMALIZE, HEAT TO 1550 DEG F 3 HRS MIN VERT WATER QUENCH
VERT TEMPER 1125 DEG F 3.125 HRS

Signed: _____

Kathy Carole

Certification Clerk





Ellwood City Forge
Ellwood City, PA
ULTRASONIC INSPECTION REPORT

Customer: National Oilwell Varco
P.O.#: EF08118 REL 12-0
Drawing #: 11-1/4" OD X 3" ID X 170" LG
Specification: PARA 13 OF MS 00004 REV AN GRADE A
Grade and Description: NICRMOV Z1066.88-CID
Job #: A827
Heat No: U4706-4
Piece #'s: 64

Instrument: XT OLYMPUS SN060031210

Transducer: Aerotech Gamma Series

Method: Contact

Wave: LONG Mhz: 2.25 Size: 1"

Standard: 2-1/2" DIA. BARS
2" 4" METAL PATH

Ref. Hole: 1/8" FBH

Couplant: GEL RMS: 250

Remarks: Radial - No recordable indications.
Axial - No recordable indications.

TEST DATE 12/11/08

Howard R Nagel
Howard R Nagel
SNT-TC-1A LEVEL II

TR 12-12-08