

CERTIFICATE OF CONFORMANCE

The product(s) described herein have been processed as noted in the Scope of Work, in accordance with NOV Rig Systems' standard practices, and in accordance with NOV Rig Systems' quality management system. This certificate does not amend, extend, or otherwise alter the product(s) applicable warranty, if any. Exceptions to this certificate are noted in the Exclusions section.

DATE OF CERTIFICATE ISSUANCE: (dd/MM/yyyy) 30/Jul/2017	DATE OF NEXT RECOMMENDED SERVICE: (dd/MM/yyyy) 30/Jul/2018
DATE OF NEXT RECOMMENDED CERTIFICATION: (dd/MM/yyyy) 30/Jul/2022	
CUSTOMER OR RIG NAME: (If applicable) ENSCO ARABIA CO/ ENSCO-84	
CUSTOMER PURCHASE ORDER NUMBER: 10070-0000071910,75148,75149	
TRACKER NUMBER OR N.O.V. JOB NUMBER: KSW-1715 / NOV-825923	
ITEM OR EQUIPMENT: TOP DRIVE TDS-4S ASSY	
PART NUMBER: 94259-1	
SERIAL NUMBER: TDS4F26X47	
CUSTOMER I.D. NUMBER: (If applicable) 10176	
CERTIFICATE AUTHORITY OR THIRD PARTY INSPECTION N/A	

SCOPE OF WORK: Complete disassembly, inspection, assembly & Test Varco top drive TDS-of as per NOV specifications and recommendations.

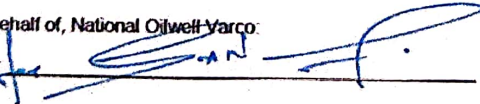
EXCLUSIONS: NIL

COMMENTS: FAT has been done as per test spec # D9D1004394-PRO-001 after final assembly witnessed by customer & found acceptable as per NOV. Refurbished Main Motor was supplied by customer.

All documents submitted in this documentation pack are confidential between National Oilwell Varco and the recipient.

For, and on behalf of, National Oilwell Varco:

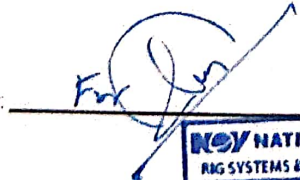
Prepared By



DATE: **30/Jul/2017**
(dd/MM/yyyy)

(Print Name): **SAJEEB CHELEKKODAN, QC SUPERVISOR**

Reviewed By



DATE: **30/Jul/2017**
(dd/MM/yyyy)

NOV NATIONAL OILWELL VARCO
RIG SYSTEMS & AFTERMARKET - SAUDI ARABIA

(Print Name): **ANOOP POOZHITHARA, W/S MANAGER**

ENSCO TOP DRIVE TDS-4H MAIN COMPONENTS SPECIFICATION

Serial no.: TDS4F26X47

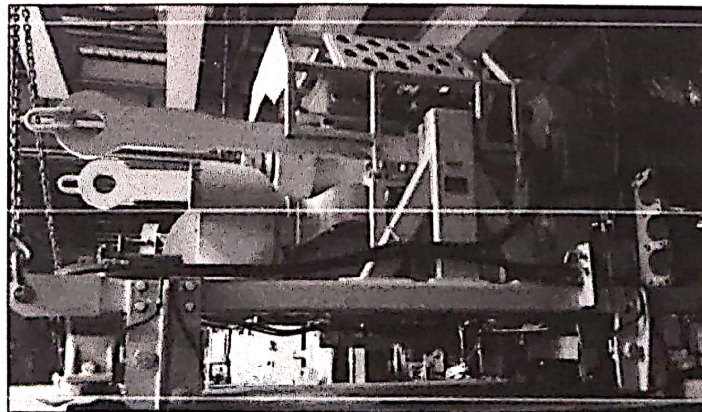
RIG-96 (EX-84)

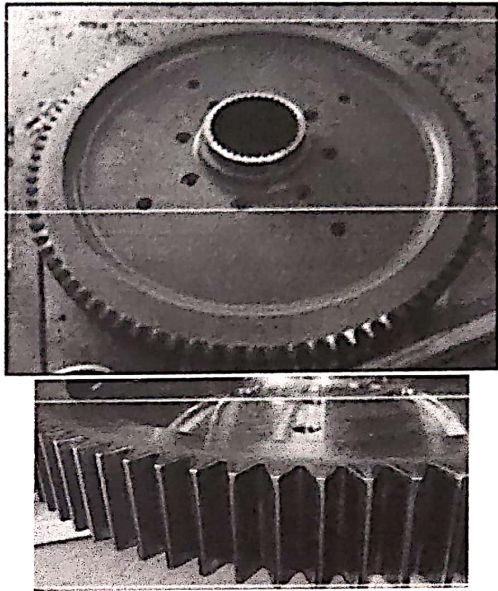
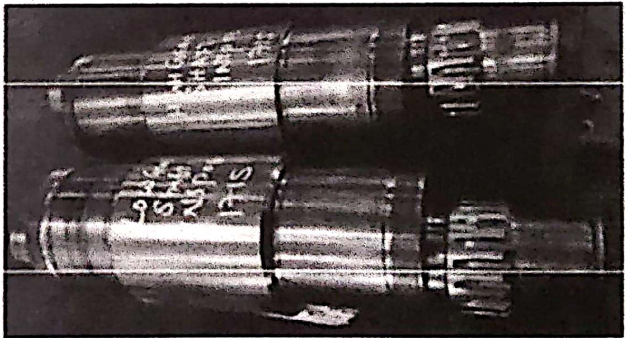
RIG-84 CONFIGURATION# 94259

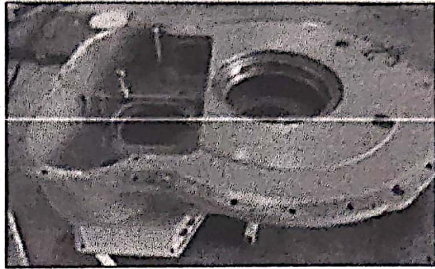
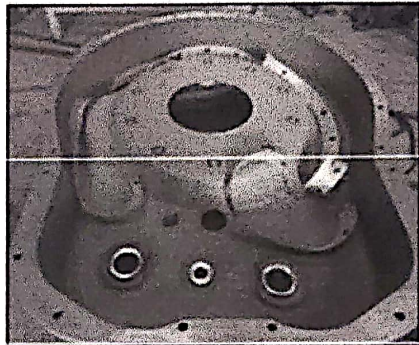
RIG-96 CONFIGURATION# 30177244

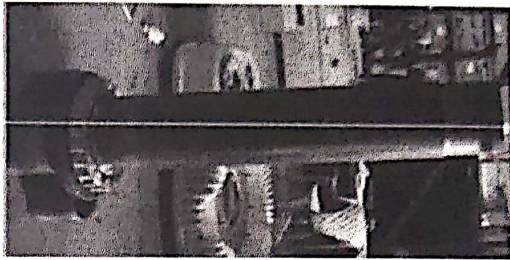
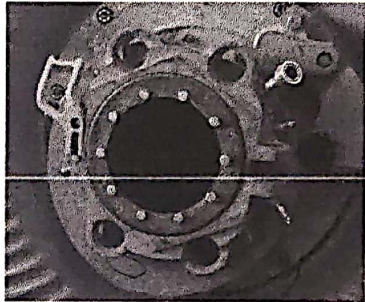
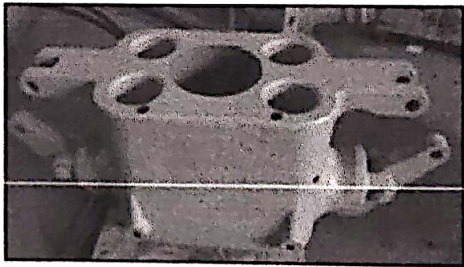
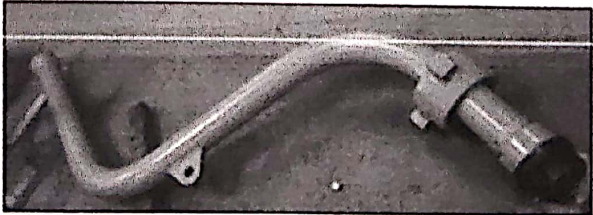
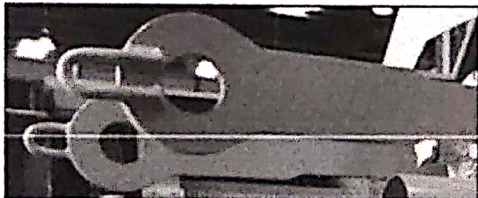
NOV REF - KSW1715 / NOV-825923

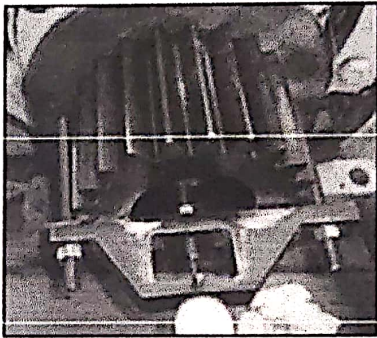
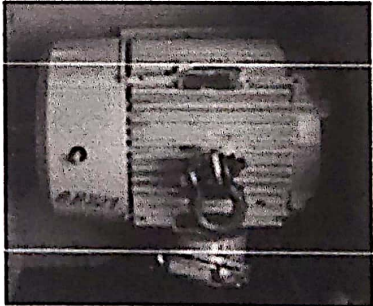
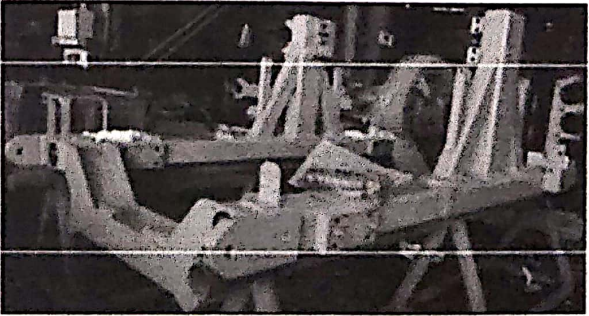
KSW1902 / NOV-946451(SWIVEL P-650)



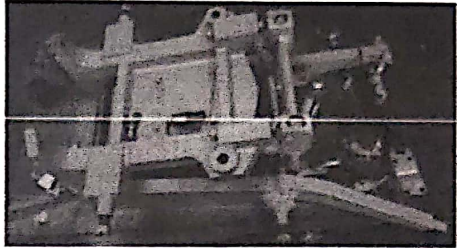
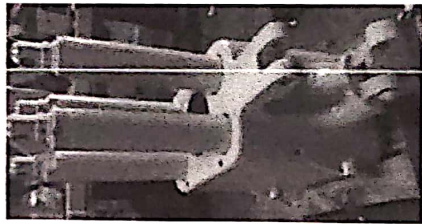
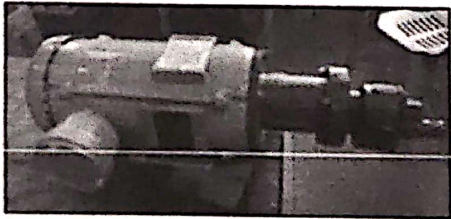
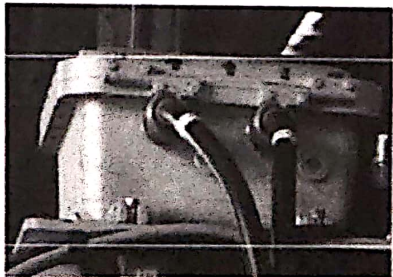
Sl#	DESCRIPTION	PICTURES
1.	<u>BULL GEAR 96 TOOTH</u> P/N: 88594 <u>Spur Gear</u>	
2.	<u>COMPOUND GEAR SHAFT Hi & Lo</u> SHAFT HI P/N: 88597 SHAFT LO P/N: 88598	
3.	<u>DRIVE STEM SHAFT</u> P/N: 88618 TOP SIDE CONN.: 7-5/8" API REG L.H PIN BOTTOM SIDE CONN.: 7-5/8" API REG R.H PIN	

4.	<u>GEAR CASE UPPER</u> P/N: 88881	
5.	<u>GEAR CASE, LOWER</u> P/N:88592	
6.	<u>COMPOUND GEARS Hi & Lo</u> GEAR HI P/N: 88595 GEAR LO P/N: 88596 <u>Spur Gear</u>	
7.	<u>HOUSING MAIN SHAFT</u> P/N: 80543-1	

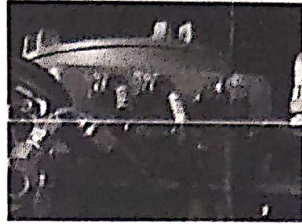
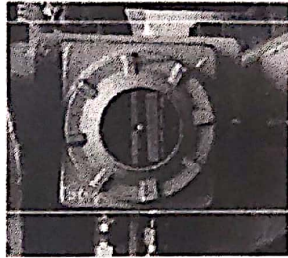
8.	<u>QUILL SHAFT</u> P/N: 88620	
9.	<u>RLA ASSEMBLY</u> P/N: 88140 <u>(7 Port)</u>	
10.	<u>ELEVATOR BODY 650T</u> P/N:94529-1	
11.	<u>S - PIPE</u> P/N: 78637-501 <u>(R.H, 5000 PSI)</u>	
12.	<u>SWIVEL LINKS P-650 (5.5" Pin Bore)</u> P/N:78694	

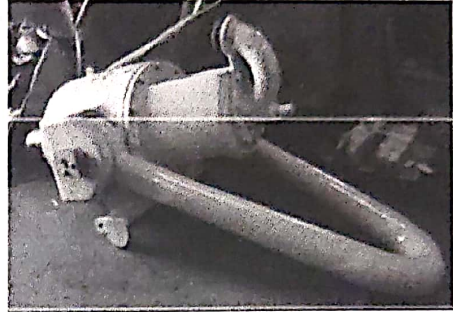
13.	<u>MAIN MOTOR</u> P/N: 88585 <u>Shunt Motor GE HI-TORQUE, 460V, UL</u>	
14.	<u>MOTOR PINION GEAR</u> P/N: 90793 <u>Spur Gear</u>	
15.	<u>AIR BLOWER MOTOR</u> PN: 88229 <u>(Double side shaft), 460V, 20HP</u>	
16.	<u>GUIDE DOLLY FRAME TDS-4</u> P/N: 117347 <u>(48x62) Non-Swing</u> <u>S-Loop Bracket location: LH</u>	

LIST OF MAIN COMPONENTS

17.	<u>LINK TILT ASSY 650T</u> P/N:74587	
18.	<u>PIPE HANDLER PH-85</u> P/N: 95461	
19.	<u>TORQUE ARRESTOR LONG TUBE</u> P/N: 90471	
20.	<u>LUBE PUMP MOTOR</u> P/N: 98139-BSC	
21.	<u>MOTOR JBOX ASSY</u> P/N: 86887	

LIST OF MAIN COMPONENTS

22.	INSTRUMENT JBOX ASSY P/N: 78926-2	
23.	SWITCHING AMPLIFIER JB P/N: 98468-1	
24.	SPEED SENSOR P/N: 93939	
25.	TEMPERATURE SWITCH P/N: 84665	
26.	OIL PRESSURE SWITCH P/N: 87541	
27.	IBOP PRESSURE SWITCH P/N: 79388	
28.	PURGE PRESSURE SWITCH P/N: 76841	
29.	DIFF PRESSURE SWITCH P/N: 76842	
30.	BX ELE PRESS SWITCH P/N: 83095-1	

35.	SWIVEL P-650 8A P/N: 703756A	
36.	WASH PIPE P/N: 61938641	
37.	BAIL, P-650 SWIVEL P/N: 655607	
38.	GOOSENECK ASSY P/N: 649351XA	
DATE: 10 FEB 2019		