



AT-20 MOBILE CRANE TEST CERTIFICATE

TC070.004

MODEL NUMBER:- AT-20 CRANE - 4.2T WINCH		SERIAL NUMBER:- 3584
TARE WEIGHTS FRONT AXLE:- 7610 Kg REAR AXLE:- 11880 Kg GROSS:- 19490 Kg WEIGH BRIDGE TICKET NUMBER:- 339 104526		
CRANE SPECIFICATIONS FOR THE ABOVE TARE WEIGHTS SPARE WHEEL & CARRIER FITTED Yes FLY JIB FITTED No IF YES: SERIAL No:- SPREADER BAR FITTED Yes IF YES: SERIAL No:- 1201104 20T HOOK SERIAL No.:- K8075 RHINO HOOK SERIAL No.:- K9102		
TESTING CONDITIONS AS FOLLOWS DYNAMIC TEST 'A', 'B', 'C', 'D' 'A' LIFTING ON INNER LUG 1st EXT. - BOOM LENGTH 7.00m, RADIUS 4.50m, S.W.L. 6 550 KG, TEST LOAD (114%) (DYNAMIC LIFT ON INNER LUG, TEST LOAD 7 481KG. SLEWED 10° TO THE LEFT AND RIGHT) 'B' LIFTING ON OUTER LUG 1st EXT. - BOOM LENGTH 7.80m, RADIUS 5.50m, S.W.L. 5 250 KG, TEST LOAD (109%) (DYNAMIC LIFT ON OUTER LUG, TEST LOAD 5 704 KG. SLEWED 10° TO THE LEFT AND RIGHT) 'C' WINCH BRAKE TEST BOOM LENGTH 10.50m, RADIUS 7.0m, S.W.L. 4 200 KG, TEST LOAD (125%) (DYNAMIC LIFT ON SINGLE PART, TEST LOAD 5 256 KG. SLEWED 10° TO THE LEFT AND RIGHT) 'D' LIFTING ON RHINO HOOK - BOOM LENGTH 7.50m, RADIUS 5.00m, S.W.L. 6550 KG, TEST LOAD (112%) (DYNAMIC LIFT ON RHINO HOOK, TEST LOAD 7331 KG. SLEWED 10° TO THE LEFT AND RIGHT) VISUAL INSPECTION AT THE COMPLETION OF THE ABOVE TESTING, THE CRANE STRUCTURE WAS VISUALLY EXAMINED TO DETERMINE ANY EVIDENCE OF BUCKLING, PERMANENT DEFORMATION, PAINT CRACKING AND FLAKING FOR INDICATIONS OF STRESS BEYOND THE YIELD POINT & OTHER EVIDENCE OF FAILURE.		RESULT 'A' = PASS 'B' = PASS 'C' = PASS 'D' = PASS V.I. = PASS
SUPPLIED TO:- "NYAMAL CRANE HIRE"		
FRANNA HEREBY CERTIFIES THAT THE FORMENTIONED CRANE. AS SPECIFIED BY THE SERIAL NUMBER. HAS PASSED , IN ALL RESPECTS, TO THE "TESTING CONDITIONS" LISTED. TESTED BY :- IAIN GAMBRILL DATE :- 17/03/05 SIGNATURE :- <i>I. Gambrill</i> POSITION :- TESTING OFFICER		



NOISE LEVEL TEST CERTIFICATE

NCOP.003

MODEL NUMBER:- AT-20		SERIAL NUMBER:- 3584
<u>TESTING CONDITIONS AS FOLLOWS</u>		<u>ACTUAL</u>
TEST "A" :- STATIONARY NO LOAD MAXIMUM RATED RPM THRESHOLD 85 dBA		78 dBA
TEST "B" :- STATIONARY LINE PULL UP TO MAXIMUM LOAD THRESHOLD 85 dBA		86 dBA
TEST "C" :- STATIONARY CRANE FUNCTIONS (luffing and extension) NO LOAD MAXIMUM RATED RPM THRESHOLD 85 dBA		76 dBA
TEST "D" :- ROAD CONDITIONS ROAD SPEED THRESHOLD 85 dBA		83 dBA
<u>TESTS WERE CONDUCTED AS FOLLOWS</u>		
SOUND LEVEL METER:- MAKE: DIGITAL MODEL: Q1362 SERIAL No.: 3030956		
METER SETTINGS: FREQUENCY WEIGHT: TYPE A TIME WEIGHT: FAST		
SUPPLIED TO:- "NYAMAL CRANE HIRE"		
TEREX LIFTING HEREBY CERTIFIES THAT THE AFOREMENTIONED CRANE AS SPECIFIED BY THE SERIAL NUMBER. HAS BEEN TESTED, IN ALL RESPECTS, TO THE "TESTING CONDITIONS" LISTED.		
TESTED BY :- IAIN GAMBRILL		DATE :- 17/03/05
SIGNATURE :- <u>I. Gambrill</u>		POSITION :- TESTING OFFICER

Standard Weighbridges (QLD) Pty Ltd

Reg. Public Weighbridge No:339
A.C.N. 010 378 435
Cnr. Curtin Ave. & Barcham St.
HAMILTON 4007

Ticket: **104526**

Office :

Date : **15/03/2005**

Time : **14:16:48**

A/C of: **TEREX**

Duplicate

*Queensland - Trade Measurement Act 1990
Trade Measurement (Weighbridges) Regulations 1991 (Reg.23)*

AXLE MASSES ONLY

REGISTRATION No. OR Nos.
OF VEHICLE MEASURED **CRANE - 3584**
NAME OF DRIVER OF VEHICLE **BROOK/WAYNE**

If 2 or more axles are
measured together, this is to
be shown by bracketing the
relevant axle numbers.

Axle No.
(front to rear)

1. -FRONT -
2. -REAR -
3. -TOTAL -

Tonnes
(including decimal
submultiples of tonnes)

7.61

11.88

19.49

**MASSES SHOWN ON
THIS TICKET ARE NOT
TO BE USED FOR
TRADE**

(Signature of Operator)

**FOR REGISTRATION
PURPOSES ONLY**



CERTIFICATE OF TEST AND EXAMINATION

CERTIFICATE NO. C2585

Customer: Terex Lifting Australia Pty Ltd

585 Curtin Ave East
EAGLE FARM QLD 4009

Date of Report: 7/4/2005
Order No: 41 00047591
Date of Test: 27/3/2005
Store Order No. -

Test Specification: BLP-DWI-6251

Distinguishing Marks	Description of Articles Tested	No. Tested	PROOF LOAD	S.W.L	Ultimate Load	Remarks
K9090-K9104	10t Rhino Hook Assembly Terex Code: 16C20598	15	kN 197	TONNE 10t		Tested Only
	Manufactured By Bullivants					
						COMPLIES WITH PROOF TESTING REQ. BLP-DWI-6251

Visual Examination:.....SATISFACTORY.....

Customer's marks stamped on test piece(s):.....

Tested by:.....ROY WATTS.....

Signed by:.....

(Approved Signatory)

This certificate may not be reproduced, except in full.

**INSPECTION CERTIFICATE
MILL'S TEST CERTIFICATES**

F/QP-2-17/33R Rev : 1

Certificate Number : E 142252/ 1 Date:15-10-2004
Customer : BULLIVANTS PTY LTD.
Customer Order ref : 8120896 Date:14-04-2004
Works Order number : 941375/ 6 Date:17-05-2004
Reel number : 142252/1 Date of Test:15-10-2004
(SS No:51)
Manufacturer : USHA MARTIN LIMITED, INDIA

SPECIFICATION

Applied standard : UM-00
Nominal diameter of rope : 14 mm
Construction : 35X7 Powerform 35P Preformed
Strand construction : 16:6+6-6-1
Tensile grade of steel wire : 1960 N/mm²
Wire Finish/Material Grade : Ungalvanised
Type of Core/Lay Direction : STRAND / RHO
Length of Rope : 3000.00 Mtr
Mass/Unit Length (Apprx.) : 1.000 Kg/Mtr
Lubrication : A2 /W-3
Minimum Breaking Force : 180.0 kN
Prestretching : NA

RESULTS OF TEST & EXAMINATION

Measured dia. off-tension : 14.2500 mm
Measured lay off-tension : 84.0000 mm
Measured breaking force : 189.2 kN

This is to certify that the above tests have been carried out in accordance with the specification.

222640/ 1


Signature of
Competent Person

P.S. Roy
Manager (QA)
Usha Martin Limited
Ranchi, Jharkhand



Certified as an approved
Manufacturer by
Lloyd's Register of Shipping
Regd. Office : 2A, Shakespeare Sarani, Kolkata 700 071, India



Certified as an approved
Manufacturer by
Det Norske Veritas



Certified by the
American Petroleum Institute
License number 9A - 0017



Certified as an approved
Manufacturer by
American Bureau of Shipping

Certified for the Quality
Management System to
ISO 9001 by BVQI

F OP-3-14502 Rev. 0

CERTIFICATE OF TEST AND EXAMINATION

CERTIFICATE NO: C2407

Customer: Terex Lifting Australia Pty Ltd

585 Curtin Ave East
EAGLE FARM QLD 4009

Date of Report: 4/2/2005

Order No:

Date of Test: 4/2/2005

Works Order No.: 30862

Test Specification: Customer Requirements

Distinguishing Marks	Description of Articles Tested	No. Tested	PROOF LOAD	W.LL	Ultimate Load	Remarks
K7873-K7899	13mm 35WX7 POWERFORM B1960 RHOL X 10005mm wire rope assembly, c/w 1" threaded swage terminal one end, 5/8" threaded swage terminal the other end TEREX CODE: 16C2109A Manufactured by Bullivants	26	kN 50	TONNE		New and tested

Visual Examination: SATISFACTORY

Customer's marks stamped on test piece(s):

Tested by: ROY WATTS

Signed by:

(Approved Signatory)

This certificate may not be reproduced, except in full.


CERTIFICATE OF TEST AND EXAMINATION
CERTIFICATE NO. C2305

Customer: Terex lifting Australia Pty Ltd

 585 Curtin Ave East
 EAGLE FARM QLD 4009

Date of Report: 21/12/2004

Order No:
Date of Test: 21/12/2004

Works Order No.: 30605

Test Specification: Customer Requirement

Distinguishing Marks	Description of Articles Tested	No. Tested	PROOF LOAD	S.W.L	Ultimate Load	Remarks
K7136-K7154	10mm 8X19 SIG G2160 IWRC RHOL X 6320mm. c/w AS1138 thimble swaged one end, 1/2" threaded swage terminal the other. Part Number: 16C2110- 20 Tonne Retract Rope Manufactured by Bullivants	19	kN 33	TONNE		New and tested

Visual Examination: SATISFACTORY

Customer's marks stamped on test piece(s):
Tested by: ROY WATTS

Signed by:

(Approved Signatory)

This certificate may not be reproduced, except in full.

CERTIFICATE OF TEST AND EXAMINATION

CERTIFICATE NO. C2440

Customer: Terex Lifting Australia Pty Ltd
PO Box 1396
Eagle Farm Qld 4009

Date of Report: 17/05/2005
Order No: 41 00047591
Date of Test: 16/05/2005
Store Order No. 1424336

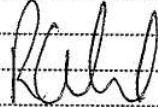
Test Specification: AS3775-2004

Distinguishing Marks	Description of Articles Tested	No. Tested	PROOF LOAD	W.L.L	Ultimate Load	Remarks
K8074 – K8088	20 Tonne Crane Hook Assembly Terex Code: PP2190200 Manufactured by Bullivants	15	TONNE 196Kn	TONNE 20		New and tested

Visual Examination:.....SATISFACTORY.....

Customer's marks stamped on test piece(s):.....

Tested by:.....ROY WATTS.....

Signed by: 
(Approved Signatory)

This certificate may not be reproduced, except in full.

