



TUV NORD Branch Office	:	JEDDAH
Certificate No.	:	DAD/104644/210217/002/REV.0
Work Order No.	:	104644
Inspection Date	:	21 FEB 2017
Place of Inspection	:	MAKKAH

## CERTIFICATE OF TEST & EXAMINATION TOWER CRANE

Name of the Owner	:	SAUDI BIN LADIN GROUB (CPC)
Type of Inspection	:	Initial / <u>Periodic</u> / Thorough / Major
Location	:	MAKKAH-HARAM EXT. PROJECT – SERVICE BUILDING
Manufacturer's Name & Model	:	WOLFF 7532.12
Description	:	HAMMER HEAD FREE STANDING FIXED BASE TOWER CRANE JIB 40 M , HUH BASE +11 SEC , 4 FALLS, CW 18.2 Ton, MAX. 12T@30.6m .
Year of Built	:	2010
Owner's Distinguishing Mark & serial number	:	S-21 / 31100873
Make and Type of Automatic safe load indicator, if required	:	WOLFF
Make and Type of Derricking interlock, if required	:	N/A
Date of Last Previous Thorough Examination	:	15 MAY 2016 REPORT No. NA-16JD-1050
Date of Last Previous Proof Load Test	:	15 MAY 2016 REPORT No. NA-16JD-1050

SAFE WORKING LOAD(Proof Load testing)		(ii)	(iii)	(iv)
	In the case of a crane with variable operating radius, the safe working load at various radii shall be given. Test loads at various radius should be given in column (iii) and in the case of a safe working load which has been calculated without the application of a test load, "NIL" should be entered in that column.  2204 LBS = 1 Tonne	Jib Length (Meters)	Radius (m)	Test Load (Tons)
	40	36.2	10.5	10

In the case of a crane with a derricking jib or jibs the maximum Radius at which the jib or jibs may be worked (ft.)  
Any defects noted and alteration or repairs required before crane is put into service. ( if none enter " none")

**Reference Standard : ASME B30.3**

This is to certify that the above Tower Crane was tested and thoroughly examined and no defect affecting its safe use was found. The equipment is safe to operate up to its SWL and for its intended use within the design limits specified, provided there is continuous maintenance applied and a qualified operator is employed.

CERTIFICATE DATE : 21/FEB/2017  
EXPIRTY DATE :20/FEB/2018  
STICKER NO. :164881  
**FAHSS/ TUV NORD Saudi Arabia**  
Inspector DIA ABDULHAMEED



*Riyad*  
Reviewed By RIYAD AL DARAWISH

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**NATIONAL INSPECTION AND TECHNICAL TESTING CO. LTD. (FAHSS / TÜV NORD SAUDI ARABIA)** P.O BOX 10771 JUBAIL 31961  
JUBAIL: (013) 340 7607 / 7608 / 7609 FAX: (013) 340 7605 - JEDDAH: (012) 652 0212 / 614 3438 FAX: (012) 652 0822  
YANBU: TEL / FAX (014) 325 1475 **EMAIL:** info@fahsstuv.com

## EXAMINATION CHECKLIST TOWER CRANE

Owner Ser. No. S-21  
Maker Ser. No. 31100873

Date: 21 FEB 2017  
Report No.: DAD/104644/210217/002/REV.0

No	Examination Items	S	NS	NA	Remark	Clearance	
						Date	Sign
01	General Condition	✓					
02	Certification of Wire Rope, Hook, Etc.			✓			
03	Hook Block / Sheaves	✓					
04	Wire Ropes Hoist / Trolley	✓					
05	Base Ballast			✓			
06	Bolts / Pins	✓					
07	Crane Access and Guards	✓					
08	Slew Ring / Bolts	✓					
09	Operators Cab and Controls	✓					
10	Load Indicator / Capacity Limiter	✓					
11	Radius / Angle Indicator	✓					
12	Duty / Capacity Chart in Cab	✓					
13	Level Indicator	✓					
14	Boom / Jib	✓					
15	Derricking			✓			
16	No. of Sections	✓					
17	Trolley Winch	✓					
18	Main Hoist Winch	✓					
19	Limit Switcher	✓					
20	Electric Systems	✓					
21	Hydraulic Systems	✓					
22	Controls Upper	✓					
23	Central Ballast	✓					
24	Counter Jib Ballast	✓					
25	Structural Integrity	✓					
26	Maintenance	✓					

In Case of Additional Remarks another sheet is attached.

Note:

S = Satisfactory / Accepted

N.S. = Not Satisfactory; Examination Condition and Recommendations are stated in the Examination Report

N. A. = Not Applicable or Applicable

**TÜV Middle East**

Inspector DIA ABDULHAMEED



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تي يوفي العربية السعودية

TÜV Saudi Arabia  
TEL.: 013-340 7608 Fax : 013-340 7605



No.: 164881



EQUIP. NO.:

S-21

EQUIP. S.N.:

31100873

DATE INSPECTED :

21. FEB. 17

NEXT INSPECTION DATE :

20. FEB. 18

INSPECTED BY :

D.O

FM-IN-05 Rev. 01 23/05/05