



Rockside Export Ltd

Manufacturing and Exporting of Oil Refinery Products

4 School Lane, North Scarle, Lincoln LN6 9EY
Telephone: 0044 1522 778544 Fax: 0044 1522 778438
Email: sales@rocksideexport.f9.co.uk

TEST CERTIFICATE

BS EN 10204 3.1

Certificate No: RS127695248
Customer: ALMUHAIDIB TECHNICAL SUPPLIES
Order No: MTS074/12
Description: HEX BOLT TO ASTM A325M, TYPE 1
Finish : HOT DIP GALVANIZED ZINC COATING THICKNESS MIN 55µm
Coating Specn. : ASTM A153 CL.C
I.D. Marked : RS+ A325M +8S
Cast/Heat #: TX41541
Size : M20-2.50 *50mm
Quantity : 50,000 pcs

CHEMICAL ANALYSIS

C	Si	Mn	S	P	Cr	Mo	Ni
0.44	0.24	0.60	0.009	0.022	0.15	-	-

MECHANICAL PROPERTIES

HARDNESS HrC	TENSILE STRENGTH N/mm2	YIELD LOAD N/mm2	ELONGATION %	REDUCTION OF AREA %
25-33	899	690	14.50	38.00
HARDENED	TEMPERING TEMP.	PROOF LOAD kN	ROTATIONAL CAPACITY	INSPECTION
800 °C	550 °C	150.00	PASSED	PASSED

DIMENSIONAL PROPERTIES

W.A.F	W.A.C Width Across Corners	Major Diameter	Height	Length	Thread Length
33.40	38.18	19.50	12.50	49.99	OK

Signed;

Date: 20th September 2011

For and on behalf of Rockside Export Ltd.

B. Buchanan

ROCKSIDE EXPORT LTD.
4 SCHOOL LANE, NORTH SCARLE
LINCOLN LN6 9EY
Tel: (01522) 778544
Fax: (01522) 778438
Co. Reg. No. 3039682
VAT Reg. No. 772 1167 36



Company Registered No. 3039682
VAT No. 772 1167 36

Directors: B. Buchanan MBIM F.Inst. S.M.M. C.Buchanan.

CERTIFIED TRUE COPY
OF THE ORIGINAL CERTIFICATE
For Customer LPO No. _____ Date: 14/04/2013
AL MUHAIDIB TECHNICAL SUPPLIES



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TEST CERTIFICATE

BS EN 10204 3.1

Certificate No: RS176384296
Customer: ALMUHAIDIB TECHNICAL SUPPLIES
Order No: MTS074/55
Description: HEX BOLT TO ASTM A325M, TYPE 1
Finish : HOT DIP GALVANIZED ZINC COATING THICKNESS MIN 55µm
Coating Specn. : ASTM A153 CL.C
I.D. Marked : RS+ A325M +8S
Cast/Heat #: TX41541
Size : M20-2.50 *55mm
Quantity : 50,000

CHEMICAL ANALYSIS

C	Si	Mn	S	P	Cr	Mo	Ni
0.47	0.24	0.66	0.023	0.027	-	-	-

MECHANICAL PROPERTIES

HARDNESS HrC	TENSILE STRENGTH N/mm2	YIELD LOAD N/mm2	ELONGATION %	REDUCTION OF AREA %
25-34	899	705	14.50	36.00
HARDENED	TEMPERING TEMP.	PROOF LOAD kN	ROTATIONAL CAPACITY	INSPECTION
800 °C	550 °C	149.00	PASSED	PASSED

DIMENSIONAL ANALYSIS

W.A.F	W.A.C Width Across Corners	Major Diameter	Height	Length	Thread Length
33.40	38.18	19.50	12.50	54.99	OK

Signed;

Date: 25th September 2011

For and on behalf of Rockside Export Ltd

B. Buchanan

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TEST CERTIFICATE

BS EN 10204 3.1

Certificate No: RS99087608384
Customer: ALMUHAIDIB TECHNICAL SUPPLIES
Order No: MTS065/12
Description: HEX BOLT TO ASTM A325M, TYPE 1
Finish : HOT DIP GALVANIZED ZINC COATING THICKNESS MIN 55µm
Coating Specn. : ASTM A153 CL.C
I.D. Marked : RS + A325M +8S
Cast/Heat #: COS65231
Size : M12-1.75 *35mm
Quantity : 50,000

CHEMICAL ANALYSIS

C	Si	Mn	S	P	Cr	Mo	Ni
0.45	0.21	0.62	0.023	0.020	-	-	-

MECHANICAL PROPERTIES

HARDNESS HrC	TENSILE STRENGTH N/mm2	YIELD LOAD N/mm2	ELONGATION %	REDUCTION OF AREA %
29-34	902	655	14.55	36.00
HARDENED	TEMPERING TEMP.	PROOF LOAD kN	ROTATIONAL CAPACITY	INSPECTION
800 °C	550 °C	52.00	PASSED	PASSED

CHEMICAL ANALYSIS

W.A.F	W.A.C Width Across Corners	Major Diameter	Height	Length	Thread Length
18.91	21.71	11.87	7.2	35.03	OK

Signed;

Date: 10th September 2011

For and on behalf of Rockside Export Ltd.

B. Buchanan

Company Registered No. 3039682
VAT No. 772 1167 36

Directors: B. Buchanan MBIM F.Inst. S.M.M. C.Buchanan.

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AL MUHAIDIB TECHNICAL SUPPLIES

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TEST CERTIFICATE

BS EN 10204 3.1

Certificate No: RS080603976
Customer: ALMUHAIDIB TECHNICAL SUPPLIES
Order No: MTS065/12
Description: HEX BOLT TO ASTM A325M, TYPE 1
Finish : HOT DIP GALVANIZED ZINC COATING THICKNESS MIN 55µm
Coating Specn. : ASTM A153 CL.C
I.D. Marked : RS+ A325M +8S
Cast/Heat #: COS65231
Size : M12-1.75 *45mm
Quantity : 80,000

CHEMICAL ANALYSIS

C	Si	Mn	S	P	Cr	Mo	Ni
0.33	0.20	0.71	0.004	0.021	-	-	-

MECHANICAL PROPERTIES

HARDNESS HrC	TENSILE STRENGTH N/mm2	YIELD LOAD N/mm2	ELONGATION %	REDUCTION OF AREA %
26-34	878	702	14.60	41.10
HARDENED	TEMPERING TEMP.	PROOF LOAD kN	ROTATIONAL CAPACITY	INSPECTION
800 °C	450 °C	144.00	PASSED	PASSED

CHEMICAL ANALYSIS

W.A.F	W.A.C Width Across Corners	Major Diameter	Height	Length	Thread Length
20.68	23.56	11.77	7.47	44.99	OK

Signed;

Date: 22nd, June 2011

CERTIFIED TRUE COPY

OF THE ORIGINAL CERTIFICATE

For Customer LPO No

AL MUHAIDIB TECHNICAL SUPPLIES

For and on behalf of Rockside Export Ltd.

B. Buchanan



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