



MATERIAL CERTIFICATE

PS07/F2
rev.1

ISO 9001: approved
CE 2014/68/EU: approved
SUPPLIER: HB

JCFV CERTIFICATE
P.O. Nº : 311212
DATE: 15.02.2019

EN 10204 – 3.1
MAT. CERT. Nº: SH032445
DATE : 27.06.2019

COMPONENT : BOLT

SPECIFICATION / MATERIAL :
3/4"-10 / ASTM A320 Gr. L7M Ed.14+White zinc

HEAT TREATMENT:
QUENCHING 860°CX100MIN+WATER COOLING AND TEMPERING
720°CX100MIN+AIR COOLING.

MACRO ETCH TEST:
SATISFACTORY

CHEMICAL COMPOSITION %									PHYSICAL PROPERTIES						
Heat Nº		C	Mn	S	P	Si	Cr	Mo	Yield St. 0.2%	Tensile St.	Elonga Tion (50mm)	Reduc. Area	Hard- ness	Impact Strength ISO V	T.
	Min	0.38	0.75	-	-	0.15	0.80	0.15	550	690	18	50	-	20 s	-73
	Max	0.48	1.00	0.040	0.035	0.35	1.10	0.25	-	-	-	-	235	27 av	
	Qty								Mpa	Mpa	%	%	HB	J	°C
BOLT 6612050002	200	0.41	0.77	0.005	0.016	0.19	0.91	0.20	615	768	26	64	220	41-47-52	-73

REMARKS

- 1.- Visual inspection: accepted according PS04/I1 OR PS04/I9 (Standard) JC IT. Other information: no major repairs carried out.
- 2.- We certify that the above material has been manufactured and processed according to requirement of the above P.O.
- 3.- The results above indicated are exact transcription from the corresponding certificates, which are filed in our factory, issued by our homologated suppliers.

JC FABRICA DE VALVULAS, S.A.
Quality Control Dep.



JC Fábrica de Válvulas S.A.U.
Av. Segle XXI, 75 - Pol. Ind. Can Calderon
08830 Sant Boi del Llobregat - Barcelona (Spain)

T. +34 936 548 686
F. +34 936 548 687

jc@jc-valves.com
www.jc-valves.com