

Certificate Acc. EN 10204:2004 - 3.1

CUSTOMER: MORRIS VALVES INC.

CERTIFICATE NUMBER: BT-SAMPLE-20160607

END USER:

TRADE
MARK

MORRIS VALVES®
A CLEANER WORLD. ONE PROJECT AT A TIME

ORDER NO: SAMPLE-20160607

INVOICE NO: 3062316001

DATE: JUN. 23, 2016

Item	Qty	Description	Size	Rating	End. Conn.	Material body&cap
1	1	BODY & CAP (V3W1B1)	1/2"	3000 PSI	NPT END	ASTM-A351-CF8M
2	2	BODY & CAP (V3W1B1)	1/2"	3000 PSI	NPT END	ASTM-A351-CF8M

PRESSURE TEST (STD API 598) & VISUAL INSPECTION

MECHANICAL PROPERTIES

Item	Part	Charge Nr.	Qty	Hydrostatic test	Tensile strength	Yieldpoint	Elongation
					(Mpa)	(Mpa)	(%)
					RM	Rp0.2	A
					>=485	>=205	>=30
1	BODY	BL505	1	4500 PSI	557.0	308.0	46.0
2	CAP	BK801	2	4500 PSI	527.0	258.0	42.0

CHEMISCHE ZUSAMMENSTELLUNG/CHEMICAL COMPOSITION

Charge Nr.	C %	Si %	Mn %	P %	S %	Cr %	Mo %	Ni %
	<=0.08	<=1.50	<=1.50	<=0.04	<=0.04	18.0-21.0	2.0-3.0	9.0-12.0
BL505	0.017	0.470	1.220	0.001	0.001	18.740	2.100	11.170
BK801	0.021	0.503	0.729	0.024	0.005	18.460	2.220	9.850

We hereby certify that material described above has been successfully tested and complies with the terms of the order.

Testing standard: API 598

Manufactured By: F G

