


 <h2 style="margin: 0;">BFN Forgings Private Limited</h2> <p style="margin: 0;">(Formerly known as Bebitz Flanges Works Private Limited)</p> <p style="margin: 0; font-size: small;">Survey No.140/2,Sarawali Boisar-Taluka Palghar-Thane 401501-Maharashtra,INDIA Tel.+91-0-9049991039/42/43-Fax+91-0-2525 274266/67-Email:quality@bfnf.in</p>															
<p style="margin: 0; font-size: x-small;">Abnahmeprüfzeugnis 3.1/ Inspection Certificate 3.1 / Certificate de reception 3.1 nach(A02)/acc.DIN EN 10204 :2005 Nr.(A03)/No.100000039673 Datum(Z02)/Date 06-12-2022</p>															
Zeichen des Herstellers(A04) Manufacturer's brand		Stempel des Abnehmers(Z03) Stamp of the testing engineer													
Überprüft als Hersteller nach AD-Merkblatt W0. Approved as manufacturer acc. AD-Merkblatt W0. Zertifiziert nach DGR 2014/68/EU durch TÜV CERT Zertifizierungsst. für Druckgeräte der TÜV NORD GmbH Co KG, Benannte Stelle Nr. 0045. / Certified acc. to PED 2014/68/EU, certifying body for pressure equipment TÜV NORD GmbH Co KG, registration no. 0045.															
		<b>Bestell-Nr (A07) / Order-No</b>	333120-01												
		<b>Auftrag (A08) / Order</b>	950000528												
		<b>Lieferschein / Delivery No.</b>	800004213												
		<b>Position (B07.1) / Item</b>	000092												
<b>Stck (B08) Quantity</b>	<b>Bezeichnung (B01; B09 - B11) Product</b>	<b>Schmelze/Prüflos (B07) Heat no./Test no.</b>													
31	3/4 inch Socket Welding Flange 150 Class Sch-80s Raised Face	CK005													
<b>Material(B02; B05)</b>		2- F 316/F 316L ASTM A 182M-21 / ASME SA-182M-21 SOLUTION ANNEALED AT 1080 °C AND QUENCHED IN WATER													
<b>Anford.(B03) Requirements</b> ASME B 16.5-2020 NACE MR0175-2015 / MR0103-2015 - DIN EN ISO 15156-3 : 2015 2019 ASME BOILER & PRESSURE VESSEL CODE - SECTION II PART A PMI-TESTED 100%, IGC-TEST ACC. TO DIN EN ISO 3651-2 TEST A / ASTM A 262 PRACTICE E															
<b>Schmelzenanalyse (C71 - C92) /Analysis</b>		<b>Erschmelzung (C70) / Melting process E</b>													
Analysis	C	Si	Mn	P	S	Cr	Ni	Ti	Mo	Nb	V	N	Cu	Al	PREN
Ladle Analysis	0.019	0.35	1.71	0.04	0.022	16.8	10.1	0	2.05	0	0	0.072	0.56	0.006	24.69
<b>Mechanische Prüfungen / Mechanical tests</b>				$CEV = C + \frac{Mn}{6} + \frac{V + Mo + Cr}{5} + \frac{Ni + Cu}{15}$				PREN = Cr + 3,3 * Mo + 16 * N							
Probenlage (C02): q/t / Position of Specimen: q/t Tensile Test - ASTM A 370						Io = 4Do		KBV / Charpy Impact Test EN ISO 148-1 (V-notch, Position of specimen: q/t)				Harte (C32) Hardness ISO 6506-1			
Temp (C03) ° C	Streckgr. (C11) / Yield strength 0,2% N/mm <sup>2</sup>		Yield strength 1,0% N/mm <sup>2</sup>		Zugfestigk. (C12) Tensile strength N/mm <sup>2</sup>	Dehng. (C13) Elongation %	Einschnürg. Red. of area %	Temp (C03) ° C	Einzelwerte (C42) Single values J		MW (C43) Average J	HBW>2pcs HBW(10/3000)			
20	MIN205				MIN 515	MIN 30	MIN 50	20			0				
20	268.501		315.845		578.316	57.8	60.058	20	176,190,172		179.33	155			
ALL MATERIAL SUPPLIED IS CERTIFIED TO BE FREE OF MERCURY CONTAMINATION AND NO MERCURY BEARING EQUIPMENT WAS USED DURING MANUFACTURING AND COUNTRY OF MELT/ORIGIN : INDIA															
Customer material															
Besichtigung und Ausmessung ohne Beanstandungen. (D01) / Results of inspection and dimension without objections. Die gestellten Anforderungen sind erfüllt. (Z01) / The product sampled, Inspected ,tested and meets the requirement.															
AMIT KUMAR, Inspection Representative of the Manufacturer (Z02) BFN Forgings Private Limited, Sarawali, Boisar, INDIA															
															
														F - QAC-09-04	