

 FORGE FEDRIGA ADVANCED FORGING SOLUTIONS	Manufacturing procedure conformity record (MPCR) ISO 17782				MPCR. No.:	F53004
					Rev. No.:	0
Manufacturer name/address/ Web page:	FORGE FEDRIGA s.r.l. Via dell'Artigianato, 13 25040 Cividate Camuno (BS) – Italy www.forgefedriga.com					
Reference standard	ISO 17782:2018					
Material designation and MDS No.:	ASTM A182M F53 (UNS S32750) Norsok M-630:2020 MDS D54 Rev.6					
Manufacturing Procedure Summary doc. No.:	MPS-F53004				Rev. No.:	0
Products and manufacturing process(es):	OPEN DIE FORGED BUSH (BARS AND LONG SOLID FORGINGS WITHOUT WELD END)					
Mandatory conditions and sub-contractors:	<ul style="list-style-type: none"> The heat treatment shall be performed in Forge Fedriga using the furnace n° F12 					
Other information:	<ul style="list-style-type: none"> Verification of the heat treatment procedure was performed on February 2024 using the furnace F12; N.D.T. operations: ONLY IF AGREED IN ORDER; PICKLING operation: ONLY IF AGREED IN ORDER. 					
Qualification expires:	24/04/2029 (5 years after the issuing date)					
Tested and qualified thickness and mass						
Products and manufacturing process(es):	Test record No.	Tested thickness mm	Qualified thickness mm	Test piece mass kg	Qualified mass kg	
Open die forged bushes	Drawing n° 23-0487-02A-PP-Q Rev.1	230	0 - 230	9878 ~	0 - 10000	
Qualification/acceptance signatures						
Manufacturer: FORGE FEDRIGA srl	Prepared by/Date: 24/04/2024  Gazzoli Marco	Checked by/Date: 24/04/2024   FORGE FEDRIGA DIEGO DO Technical Manager				
The Manufacturer and this MPCR are evaluated and found to be in conformance with the requirements of ISO 17782 for supply of the above listed products and materials. This acceptance does not exempt any Purchaser from his responsibility to ensure that this qualification is valid for his products within the essential variables of ISO 17782.						
Qualifying Company (company name/address): SULZER PUMPS (UK) Ltd Manor Mill Lane Leeds – West Yorkshire LS11 8BR – United Kingdom www.sulzer.com			Signature/Date:  02/05/2024			