



B.F.E. S.r.l.

BONNEY FORGE

HEAD OFFICE • SALES OFFICE

FORGED VALVE PLANT

Via Tonale, 70/A - 24061 Albano S. Alessandro (BG) Italy

Phone 0039 035 584.111 - Fax 0039 035 583.022

e-mail: sales@bfe.it - web site: www.bfe.it

COMPANY PROFILE

Last update 2020



R&C Valve™



FORGINGS PLANTS

Via Pizzo Bernina, 15
24061 Albano Sant'Alessandro
(BG) Italy

REGISTERED OFFICE

Via Tonale, 70/A
24061 Albano Sant'Alessandro
(BG) Italy

Reg. Imp. 02750770212

Cap. Soc. €37.000.000 i.v.

REA C.C.I.A.A. Bergamo 411107

C.F. - P. IVA - V.A.T. IT 02750770212



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COMPANY INFO

Name:	B.F.E. S.r.l. Bonney Forge
Capital:	€ 37.000.000
Address:	Via Tonale, 70/A 24061 Albano S. Alessandro (BG) ITALY
Phone:	+39 035 584111
Fax:	+39 035 583022 / 583023
E-mail:	sales@bfe.it
Website:	www.bfe.it
Total area:	71.150 square metres
Covered area:	30.800 square metres
Forging plant:	Via Pizzo Bernina, 15 24061 Albano S. Alessandro (BG) ITALY
Production line:	Gate, Globe, Check, Ball, DB&B, API 6A, API 6D, Pressure Seal valves
Main customers:	Petroleum Refineries, Gas and Oil Production Facilities, Chemical and Fertilisers Plants, Power Stations, etc. Engineering Companies and Contractors



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COMPANY HISTORY

The American name BONNEY FORGE came to Italy in 1967 when the group acquired the Valve Division of Officine Metallurgiche - O.M.B.A. located in Albano S. Alessandro, 30 miles east of Milan, exclusively specialised in the production of valves since 1953.

Since 1987 the Company ownership is Italian and B.F.E. S.r.l. is licensee to use the brand "BONNEY FORGE" for its valves production, very well known worldwide for design and quality.

In 1996 one of the biggest private Italian firms in the steel mill market (Valbruna) reached the complete control of B.F.E. S.r.l.

In 2013 the company has been acquired by Bonney Forge Corporation.

In 2018 the Forging Plant has been moved next to the head office and main plant in Albano S. Alessandro (BG).

B.F.E. Quality System is officially certified according to ISO 9001, ISO 14001, BS 5750 and AD MERKBLATT WO/TRD 100.

The production of valves is manufactured in two plants and the first realisation of high quality product is reached in the owned forging plant in Bosisio Parini where the raw steel in billets is requalified and forged with absolute control in characteristics of material and forging procedures. In fact, a great deal of attention is spent in quality and a fully equipped testing laboratory has been established for control of material before, during and after forging operation.

Machining of forgings and components is carried out in the main plant in Albano S. Alessandro and on the base of the design C.A.D. controlled, main standard and customer's specifications are met by technical project of valves.

Automatic transfer machines appositely designed and equipped are used to machine big quantities of standard valves meanwhile several C.N.C. machines carry out the machining of lower quantities of valves when more flexibility in setting and tooling of machines is



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required. Proper investments are affecting good results in optimising the technology in production and to improve efficiency.

In addition to the standard valves, other taylor made class/type of valves are included in the range of products, to meet the special needs of industries:

- High pressure and steam service line, including 1500, 2500 and 4500 PSI valves in carbon, alloy and stainless steel
- Integrally flanged end valves in class 150, 300, 600, 1500 and 2500 LBS are also part of standard production.
- A unique product, the "VALV-O-LET" which has been completely designed and developed by BONNEY FORGE joining the valve and the weldolet technology; it is mainly used in the oil service, for manifold branch connections where high mechanical line stressed are uncouncted.
- Cryogenic valves suitable to operate at -196°C (-319°F) in the liquefied gas area.
- Carbon and stainless steel bellow sealed valves, mainly used in those services for which maximum environmental safety is required.



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RANGE OF PRODUCTION

CLASS	GATE VALVES		GLOBE VALVES		CHECK VALVES PISTON - BALL - SWING	
	BOLTED BONNET	SEAL WELD. BONNET	BOLTED BONNET	SEAL WELD. BONNET	BOLTED BONNET	SEAL WELD. BONNET
150	1/2" - 3"	1/2" - 3"	1/2" - 2"	1/2" - 2"	1/2" - 2"	1/2" - 2"
300	1/2" - 2"	1/2" - 2"	1/2" - 2"	1/2" - 2"	1/2" - 2"	1/2" - 2"
600	1/2" - 2"	1/2" - 2"	1/2" - 2"	1/2" - 2"	1/2" - 2"	1/2" - 2"
800	1/4" - 2"	1/4" - 2"	1/4" - 2"	1/4" - 2"	1/4" - 2"	1/4" - 2"
1500	1/4" - 2"	1/4" - 2"	1/4" - 2"	1/4" - 2"	1/4" - 2"	1/4" - 2"
2500	1/4" - 2"	1/4" - 2"	1/4" - 2"	1/4" - 2"	1/4" - 2"	1/4" - 2"
4500	-	1/4" - 2"	-	1/4" - 2"	-	1/4" - 2"
DIN PN 10/16, 25/40, 63, 100, 163	1/2" - 2"	1/2" - 2"	1/2" - 2"	1/2" - 2"	1/2" - 2"	1/2" - 2"

BALL VALVES

Design:

1) Lip Seal Compact – Floating

2) Trunnion Side Entry

3) Trunnion Top Entry

SIZE	150	300	600	800	900	1500	2500
1/2" → 2"	✓	✓	✓	✓	✓	✓	✓
3" - 4"	✓	✓	✓	✓	✓	✓	✓
6" → 16"	✓	✓	✓	✓	✓	✓	✓
18" → 22"	✓	✓	✓	✓	✓	✓	✓
24" → 36"	✓	✓	✓	✓	✓	✓	✓
40" → 60"	✓	✓	✓	✓	✓	✓	✓



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Pressure Seal Gate, Globe and Check Valves

CLASS	SIZE
600	from ½" to 44"
900	from ½" to 36"
1500	from ½" to 36"
2500	from ½" to 24"

Combination Double Block & Bleed Valves

(2 ball valves with 1 needle, 2 gate valves with 1 needle)

CLASS	SIZE
150 to 4500	½" to 32"

API 6A Valves (API License registration N° 6A-0621)

CLASS	SIZE
3000, 5000, 10000, 15000, 20000	1 13/16" to 11 ¼"

API 6D Valves (API License registration N° 6D-0463)

CLASS	SIZE
150 to 2500	½" to 6"



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Special Products

Check valves for special application

Cryogenic Gate, Globe, Check and Ball valves

Bellow Sealed Globe valves low & high pressure

Gate, Globe & Check valves to DIN standard

Parallel Slide Gate valves

Y-Pattern Globe & Check valves

Y Type Strainers

Valves for nuclear application

Materials produced

Carbon steel

A105 – LF2 – LF3 – C22.8 – TSTE355

Alloy steel

F1 – F5 – F9 – F11 – F22 – 13CrMo44 – 12CrMo19.5

Stainless steel

F304 – F316 – F321 – F347 – 1.4541 – 1.4571

**Duplex stainless steel /
Superduplex stainless
steel**

F44 – F51 – 1.4462

Special steels

Inconel – Incoloy – Hastelloy – Alloy20 – Monel – Titanium –
Aluminum/bronze



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