SIVANANDHA

TÜV NORD TÜV India Private Ltd. ISO 9001

A Product of Benkan Technology

At the core of Industry. In India and the World.



Sivanandha Pipe Fittings Limited

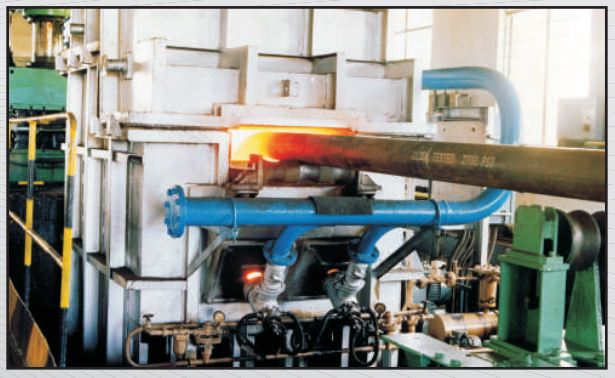
Efficient piping systems form the heart of process industries. Such systems require specialised pipe fittings which have full pipe strength, are perfectly round, wrinkle-free, rugged, leak-proof and corrosion resistant. SIVANANDHA PIPE FITTINGS step in to meet these needs. SIVANANDHA PIPE FITTINGS LIMITED is an associate of SIVANANDHA STEELS LIMITED a well-known house of quality Alloy Steel Castings.

COLLABORATION - A Product of BENKAN Technology

SIVANANDHA has the benefit of the vast experience and technical know-how of Benkan Corporation, Japan the world leader and the largest manufacturers of pipe fittings in Japan.

www.sivanandha.com

SOPHISTICATED MANUFACTURING PROCESS :



Sivanandha fittings are manufactured with the unique mandrel mass production process, thus, enabling uniform adherence to quality, dimensions, standards and short delivery time for large volume requirements. The factory is located in the industrial complex of Hosur in Tamil Nadu with state-of-art facilities for manufacture and in-process quality control.

Sivanandha's programme of manufacture includes, inter-alia, specialised buttweld fitting like elbows, tees, and reducers.

All the Pipe fittings are subjected to strict testing and examination as per the applicable codes and standards.

Upon request, we arrange inspection by third party Quality Surveillance Agencies such as Lloyds, Bureau Veritas, American Bureau of Shipping, etc.,.

SPECIAL FEATURES

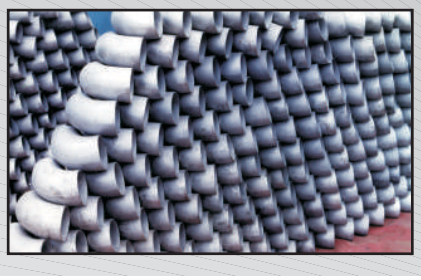
- Approval of EXPORT INSPECTION AGENCY for "IN - PROCESS QUALITY CONTROL".
- Regular exports to U.S.A. AUSTRALIA and EUROPE.
- Full fledged in-house facilities for chemical, physical and non-destructive testing including impact testing for Low Temperature Service Fittings.
- Have supplied "CLASS I" fittings as per ASME SEC III to the Dept. of Atomic Energy for nuclear applications.





APPLICABLE STANDARDS

- ASTM A234 Pipe Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and Elevated Temperatures.
- ASTM A403 Wrought Austenitic Stainless Steel Piping Fittings.
- ASTM A420 Pipe Fittings of Wrought Carbon Steel and Alloy Steel for Low Temperature Service.
- ANSI B16.9 Factory made Wrought Steel Buttwelding Fittings.
- ANSI B16.28 Wrought Steel Buttwelding Short Radius Elbows and Returns.
- ANSI B16.11 Forged Steel Fittings, Socket Welding & threaded.





BUTTWELD FITTINGS-SIZE RANGE

Type	Construction	Size	Material	Degree	Type	Schedule
Elbows	Seamless	2" to 24"	Carbon Steel/ Stainless Steel / Alloy Steel	45° 90° 180°	Long Radius & Short Radius	Sch 20 to XXS
	Welded	18" to 48"		45° & 90°	Long Radius	Sch 20 to XS
Tee	Seamless	2" to 14"		Equal /Unequal		Sch 20 to XXS
Reducers	Seamless	2" to 16"		Concentric / Eccentric		Sch 20 to XXS
	Welded	18" to 48"				Sch 20 to XS
Caps	Seamless	2" to 16"		NA		Sch 20 to XXS

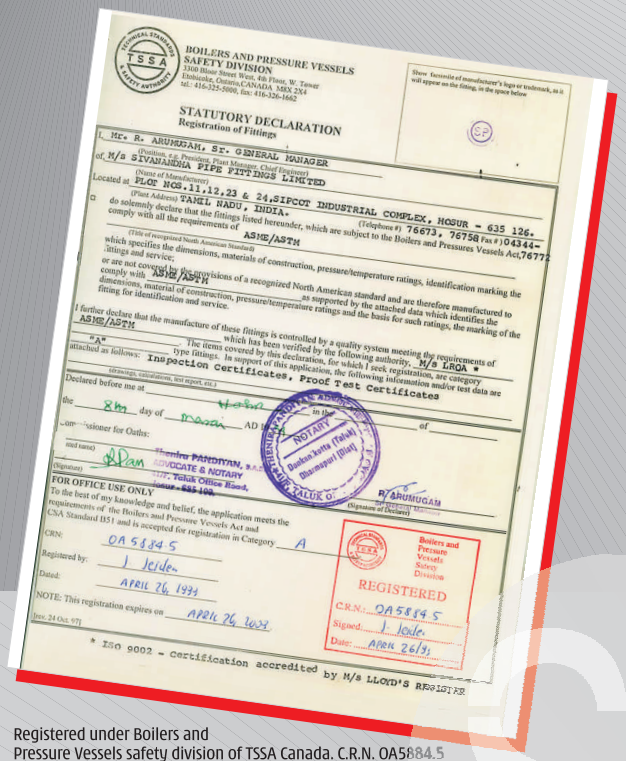
A Product of Benkan Technology

State - of - the - Art - Technology

SIVANANDHA PIPE FITTINGS

are manufactured at their sophisticated plant using the best technology

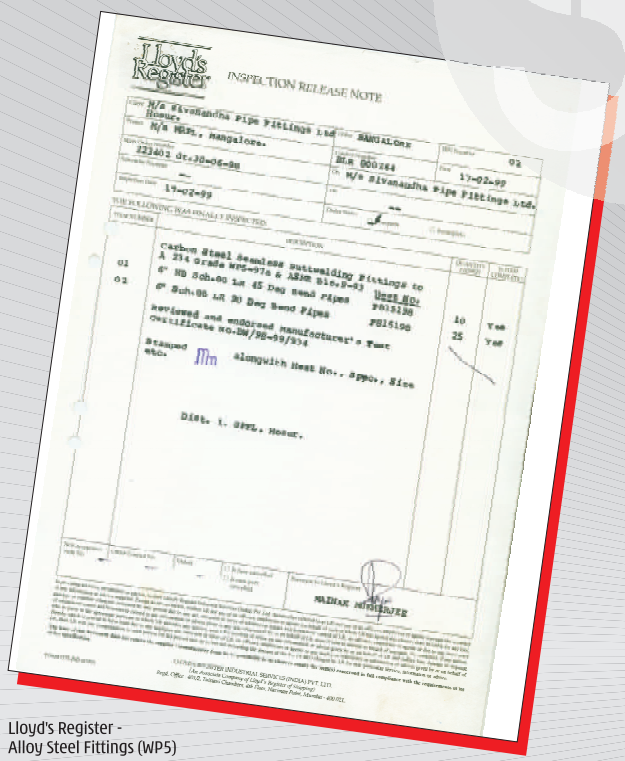
Inspection Certificates



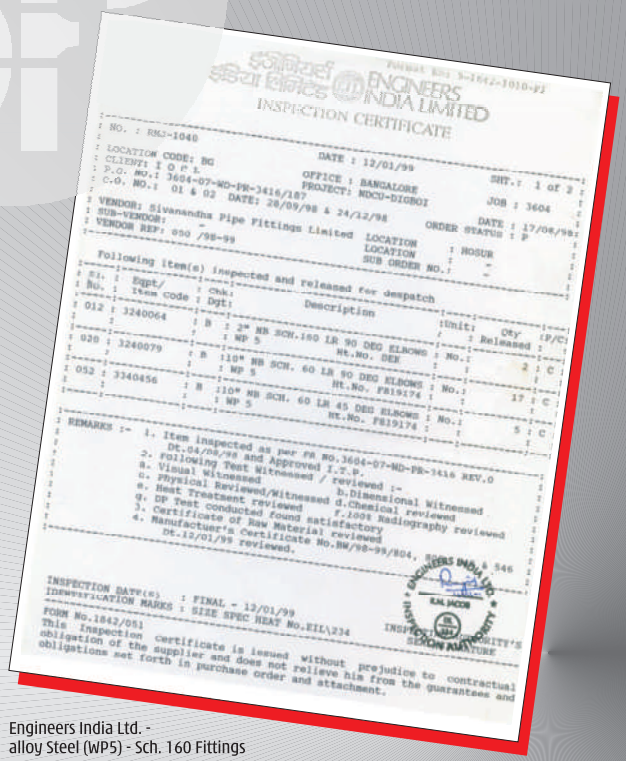
Registered under Boilers and Pressure Vessels safety division of TSSA Canada. C.R.N. OA5884.5



Bureau Veritas - Stainless Steel Fittings



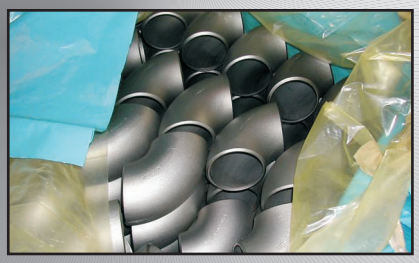
Lloyd's Register - Alloy Steel Fittings (WP5)



Engineers India Ltd. - alloy Steel (WP5) - Sch. 160 Fittings

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Carbon Steel Fittings



Quality

Sivanandha Pipe Fittings conforms to International Quality Standards

Alloy Steel Fittings

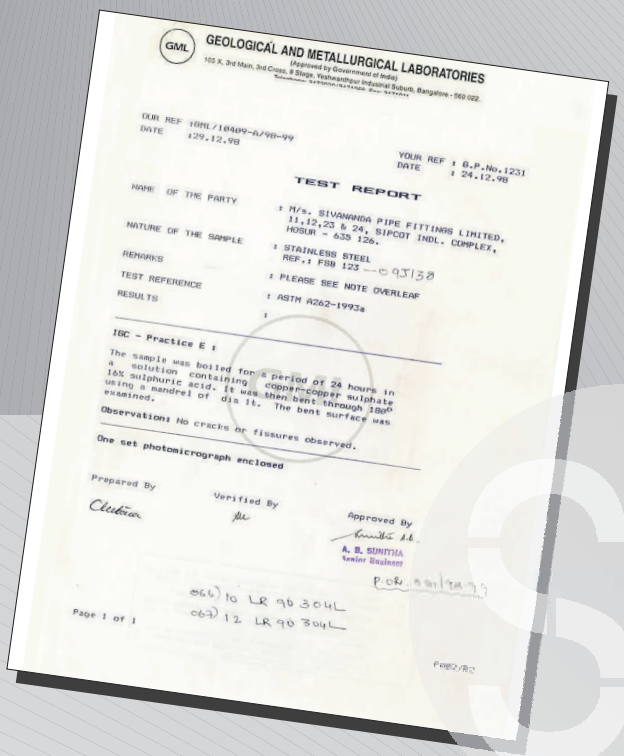


Exports

Regularly exported to U.S.A., Australia and Europe

Stainless Steel Fittings





GEOLOGICAL AND METALLURGICAL LABORATORIES

TEST REPORT

NAME OF THE PARTY : M/s. SIVANANDHA PIPE FITTINGS LIMITED, 11,12,23 & 24, SIPCOT INDL. COMPLEX, HOSUR - 635 126.

NATURE OF THE SAMPLE : STAINLESS STEEL

REMARKS : REF.: FSD 123

TEST REFERENCE : PLEASE SEE NOTE OVERLEAF

RESULTS : ASTM A262-1993a

IGC - Practice E :

The sample was boiled for a period of 24 hours in a solution containing copper-copper sulphate 16% sulphuric acid. It was then bent through 180° using a mandrel of dia 1t. The bent surface was examined.

Observation: No cracks or fissures observed.

One set photomicrograph enclosed

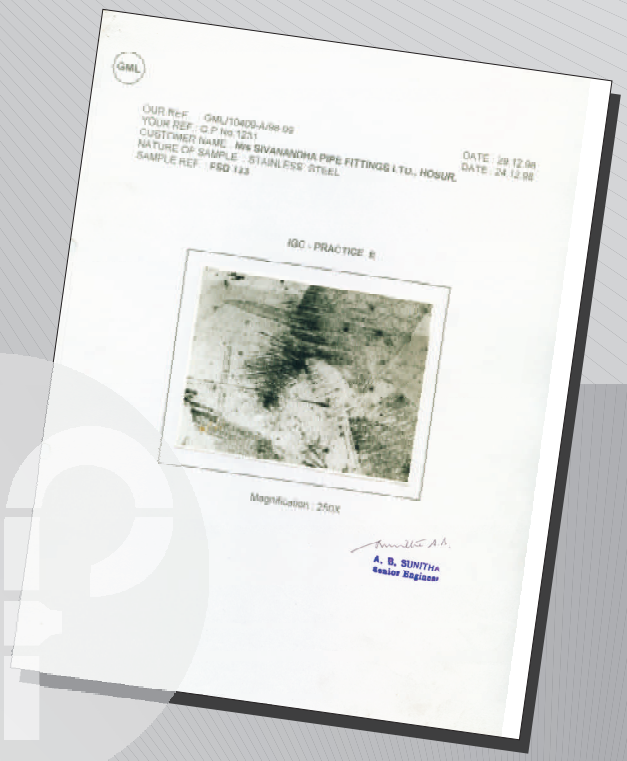
Prepared By

Verified By

Approved By

A. B. SUNITHA
Senior Engineer

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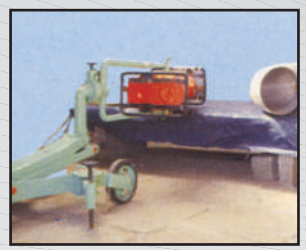


IGC - PRACTICE E

Magnification : 26nx

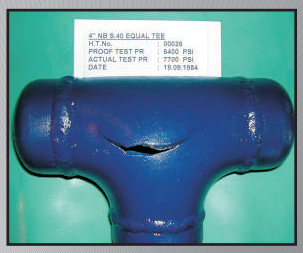
A. B. SUNITHA
Senior Engineer

IGC - Practice E - Test for stainless steel fittings









Sivanandha Pipe Fittings Limited

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E-mail : adminhsr@sivanandha.com

TUV NORD ISO 9001

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