

General Information

INFIT SAE

The International Company for Castings and Fittings

INFIT: Is an Egyptian - German Joint Venture Company
To Produce Pipe Fittings & Small Jobbing Castings.

INFIT: Fittings are Made of Malleable Cast Iron According
To ISO 49 CLASS A & EN10242 CLASS A.

INFIT: Is Working With Quality Assurance Manual According To:
ISO 9001: 2000 / DIN EN 9001:2000
Report No. 036246 / Certificate Registration no. 01 100 036246

INFIT Has Been ISO Certified Since 1996

INFIT: Guarantees its fittings against manufacturing defects.
German experts with the Egyptian staff control & direct the production
and Quality in all Production Steps.

INFIT Scope of activities:

- Production of Malleable Fittings & Castings.
- Cast Iron Job Casting.
- Cast Iron Annealing.
- Galvanization of Casting and Pipe Fittings.

Fittings are made from malleable cast iron grad B 350 -10 acc. To EN 1562
Molten iron is analyzed by Spectral Lab before casting.

Hot Dip Galvanization:

Galvanization protects the fittings against rust.

- Fittings galvanization acc. to EN 10242.
- The Zink coat is free from poison acc. To EN 10242.
- The Zink used for galvanization is checked and controlled by spectra lab.
- The average Zink layer thickness is about 70 micro Mm.

Machining:

Threading & Turning is made acc. To ISO 7-1 & 228-1
And thread is controlled acc. To ISO 7-2 & ISO 228-2

Hydraulic test:

100% of fittings are tested with hydraulic leakage test (6 Bar compressed air under water which is equivalent to 20 Bar Hydraulic).
Acc. To EN 10424 & ISO 49

Varnishing:

Varnishing is limited protection against rust.

And acc. To EN & ISO the Varnishing is free from aromatic hydro carbons.

INFIT fitting can therefore be installed in water Pipe Lines without any harm to human consumption.

Packing:

INFIT fittings are packed in plastic bags (up to size 1") and cartons, with labels containing details as to content.

INFIT Unions:

- Type U1 (330) which can be easily dismantled without un-fixing the pipe lines.
Unions are delivered assembled, i.e. with gaskets.

Public health:

INFIT fittings comply with all relevant Egyptian and International standards.

Scope of Use:



INFIT Fitting can be used in the following pressure and temp. Ranges

| Temperature ranges c° | Max. Pressure In Bar |
|--------------------------|-------------------------|
| -20 : +120 | 25 |
| +120 : +300 | 20 |

INFIT Fittings can be used in:

Water Pipe lines, gas pipe lines, compressed air pipe lines & hydraulic systems up to mentioned working values.

Dimensions and Tolerances:

| Dimensions (mm) | Tolerances (mm) |
|-----------------|-----------------|
| ≤30 | ±1.5 |
| >30≤50 | ±2.0 |
| >50≤75 | ±2.5 |
| >75≤100 | ±3.0 |
| >100≤150 | ±3.5 |
| >150≤200 | ±4.0 |
| >200 | ±5.0 |

Length of engagement:

| Thread size(inch) | 1/8 | 1/4 | 3/8 | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 |
|------------------------|-----|-----|-----|-----|-----|----|-------|-------|----|-------|----|
| Engagement Length (mm) | 7 | 10 | 10 | 13 | 15 | 17 | 19 | 19 | 24 | 27 | 30 |

INFIT  Produces Fittings under the Following Brands:

INFIT //  // AL // RWWoesta