



***DOUGLAS ITALIA S.p.A***

**MASER**



# *PART OF THE DOUGLAS GROUP*





# *THE COMPANY*





# INTRODUCTION

*DOUGLAS ITALIA is a complete, ISO 9001 certified manufacturer of steam traps, manifolds, strainers/filters and sight flow indicators supplying world wide into the Petrochemical, Chemical, Power , Nuclear and OnShore/Offshore industries since its establishment in 1970.*

*DOUGLAS ITALIA is one of only a few companies worldwide who is manufacturing a complete range of steam traps and consequently able to offer the best type and style suited to meet the requirements of our customers specifications and applications. DOUGLAS ITALIA also includes in its range compressed air traps and air eliminators for liquid systems.*

*In addition to our steam trap range DOUGLAS ITALIA has developed over the years an extensive range of pipeline auxiliaries specializing in the design and manufacture of Sight flow indicators, Conical , Y and Tee type Strainers, and more recently Simplex / Duplex strainers, Steam Separators and other products for special applications designed and developed within our in-house engineering products division.*

*DOUGLAS ITALIA is a flexible and continuously developing company. Within our engineering department part of the staff are dedicated to research and development, enabling us to improve our standard range of products and at the same time develop completely new ones to meet the every growing requests of our customers.*

*We hope that you will find our range of products of interest and you should require any further details or additional information concerning DOUGLAS ITALIA or its products please do not hesitate to contact us, as we remain at your complete disposal.*

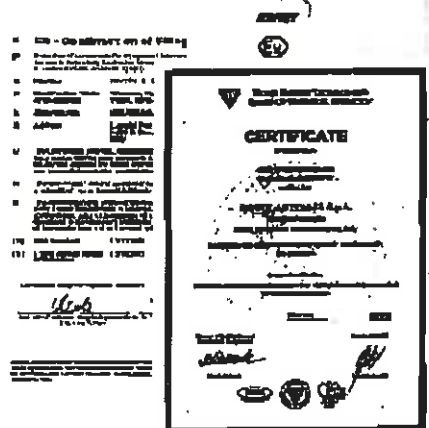
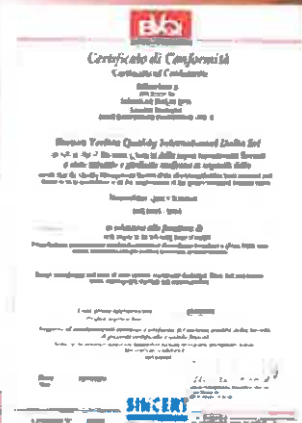


# COMMITMENT TO QUALITY

## DOUGLAS ITALIA IS COMMITTED TO QUALITY

We consider quality not as an optional but as a must ensuring that all our customers receive not only a quality product but also a complete service which for us means:

- ISO 9001 certified quality system.
- PED 97/23/CE certified
- ATEX 94/9/EC certified
- C.R.N. Registration
- U.D.T. certified
- Ensuring all products are produced to the highest of standards.
- Ensuring deliveries are met.
- Giving complete satisfaction.





# PRODUCT RANGE



- ***STEAM TRAPS***
- ***THERMODYNAMIC***
- ***BALANCED PRESSURE THERMOSTATIC***
- ***THERMOSTATIC BIMETALLIC***
- ***FLOATING BALL***
- ***INVERTED BUCKET***
- ***COMPRESSED AIR TRAPS***
- ***AIR & GAS VENTS***
- ***STEAM MANIFOLDS***
- ***Y-TYPE STRAINERS***
- ***CONICAL STRAINERS***
- ***TEE- STRAINERS***
- ***SIMPLEX / DUPLEX STRAINERS***
- ***SIGHT FLOW INDICATORS***
- ***STEAM SEPARATORS***
- ***STEAM SILENCERS***
- ***EXHAUST HEADS***



# *STEAM TRAPS & MANIFOLDS*





# *Simplex & Duplex Strainers*

Douglas Italia fabricated Simplex & Duplex strainers have been specifically designed to meet customer requirements when particularly for high pressure applications or non-standard materials of construction are required.

Douglas Italia strainers are designed and fabricated to ASME VII Div.1 (available also with U-Stamp or ISPSEL ) but can also be supplied to other pressure vessel codes i.e. ASME B31.3 etc.

#### Standard/Optional Features:

Size range 2" - 72"

Class 150lbs - 2500lbs

Ends - BW, RF, RTJ

Vents & Drains

Davit lift or other quick open devices

DP gauges



#### Standard Models:

MO 150, MO 300, MO 600, MO 900

MO 1500, MO 2500



# *Simplex & Duplex Strainers*





## *Tee - Strainers*

The Douglas Italia Tee strainer is fabricated using standard fittings, is an in-line strainer and an economical solution when a permanent in-line strainer is required due to its simple construction.

Douglas Italia Tee strainers can be fabricated to satisfy any filtration requirement, in carbon steel, stainless steel and exotic materials upon request.

Douglas Italia Tee strainers offer a very high filtering area as standard, thereby ensuring a very low pressure drop.

### **Standard Features:**

Butt Weld connection

Flanged connection - RF / RTJ

Size 1/2" upto 72"

Class 150LBS - 2500LBS



### **Standard Models:**

FS150, FS300, FS600,  
FS900, FS1500, FS2500



## Y- Strainers

Douglas Italia Y-Strainers are ideal for filtering either liquids or gases, generally being used to protect pipeline equipment such as pumps, meters, controls valves, steam traps etc.

Douglas Italia Y-Strainers are manufactured to satisfy any filtration requirement, in a cast, forged or fabricated arrangements and in materials such as carbon steel, stainless steel and with exotic materials upon request.



### Standard Features:

Ends - SW, THRD, Flanged  
(ANSI/DIN) Flanged

Size 1/2" upto 24"

Class 150LBS - 2500LBS

Bolted Bonnet and Pressure Seal

### Standard Models:

F16

F800, F1500, F2500

C150, C300, C600, C900, C1500,  
C2500

C16, C25, C64, C100



# Conical Strainers

Conical type strainers are designed for the efficient removal of solids in new pipelines during the start-up and commissioning phases.

Our conical strainers are designed to be compact and rugged, for installation in either the vertical or horizontal position.

They can be manufactured using any kind of wire mesh or perforated plate, in carbon, stainless steel and exotic alloys.

They can be supplied as per our standard design which incorporate excellent flow characteristics or custom designed to meet our customers requirements.



## Standard Features:

Flanged connection - RF / RTJ

Size 1/2" upto 72"

Class 150LBS - 2500LBS

## Standard Models:

FT1, FT2, FT3



## *Sight Flow Indicators*

Douglas Italia sight flow indicators are designed to give maximum visibility during inspection of gas or liquid flowing in the pipeline.

Our sight flow indicators are available in a wide range of materials including bronze, carbon steel, stainless, alloy steel as standard with end connections and pressure ratings suitable for all applications.

We also are able to supply various internal flow indicators based on our customers requirements i.e. flappers, balls, spinners etc.

### **Standard Features:**

Size 1/4" - 12"

Ends - SW, THRD, Flanged (ANSI/DIN)

Tempered / Borosilicate Glasses

Internal Indicators - Flappers, Balls, Chains,  
Spinners

### **Standard Models:**

S158, S159, S160

S300

S150





# *SPECIAL PRODUCTS*

- *SAMPLE COOLERS*
- *EXHAUST HEADS*
- *STEAM SEPARATORS*
- *SPECTACLE DISCS (FIG.8)*
- *STEAM SILENCERS*





**DOUGLAS ITALIA S.P.A**

**Localita Pradaglie, 29013, Carpaneto, Piacenza - Italy**  
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**Pressure seal WCB 24" 2500#**  
**SIPC - Al Jubail - Nuovo Pignone**



**Angle T strainers OMIFCO OMAN**  
**Snamprogetti/Technip**

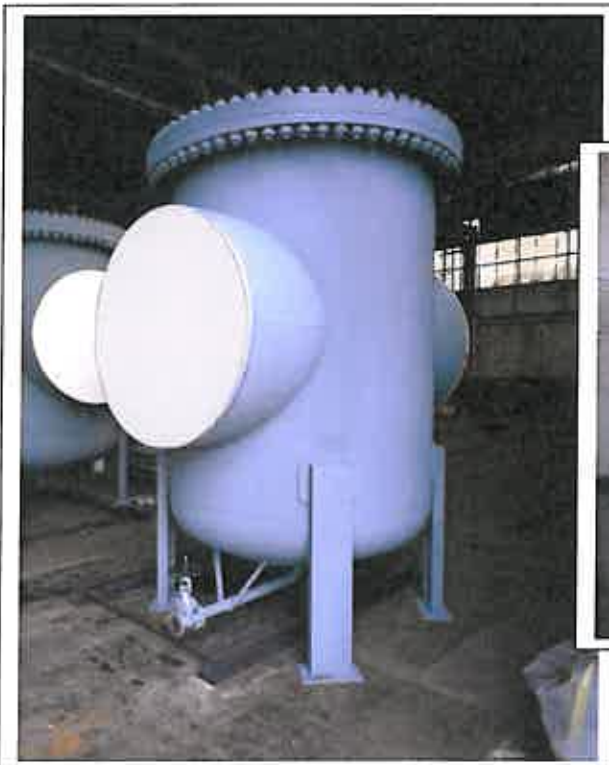


**Angle T strainers OMIFCO**  
**OMAN Snamprogetti/Technip**



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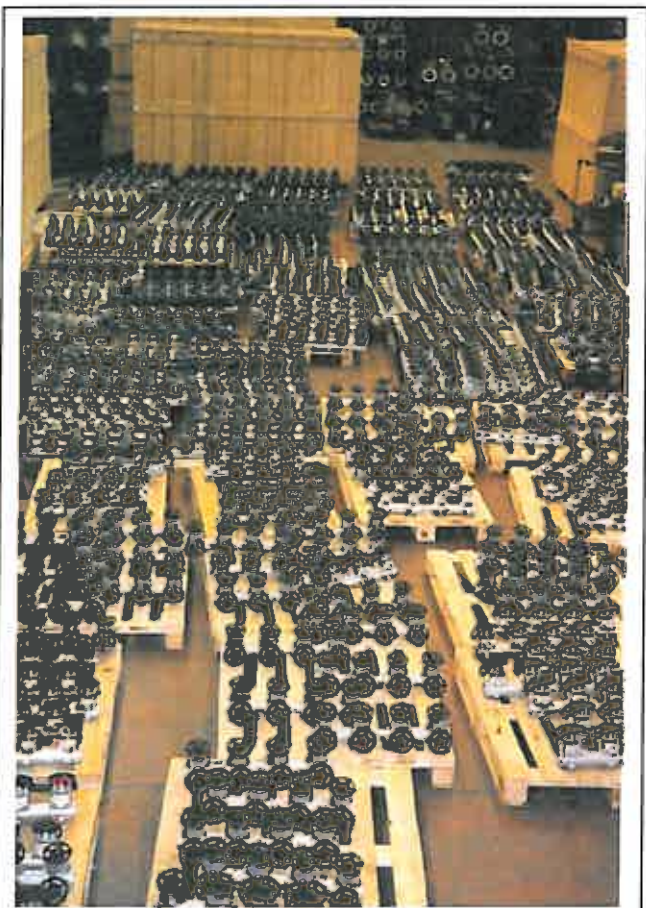
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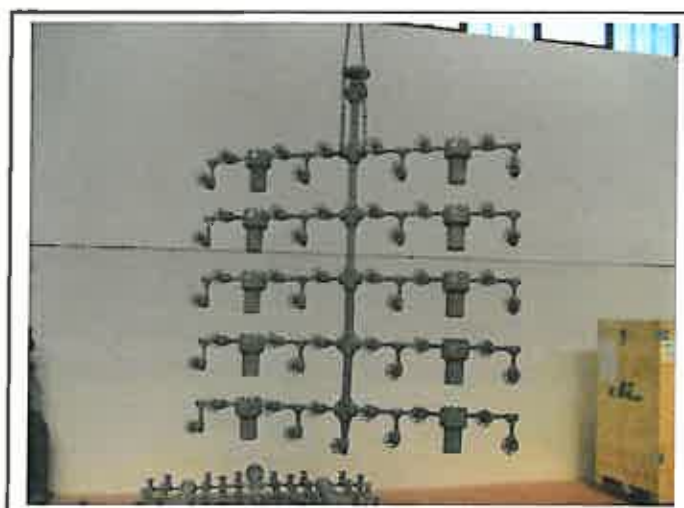
18" 600# Multicartridge filters 3 $\mu$  filtration .  
TRASGAS - Portugal





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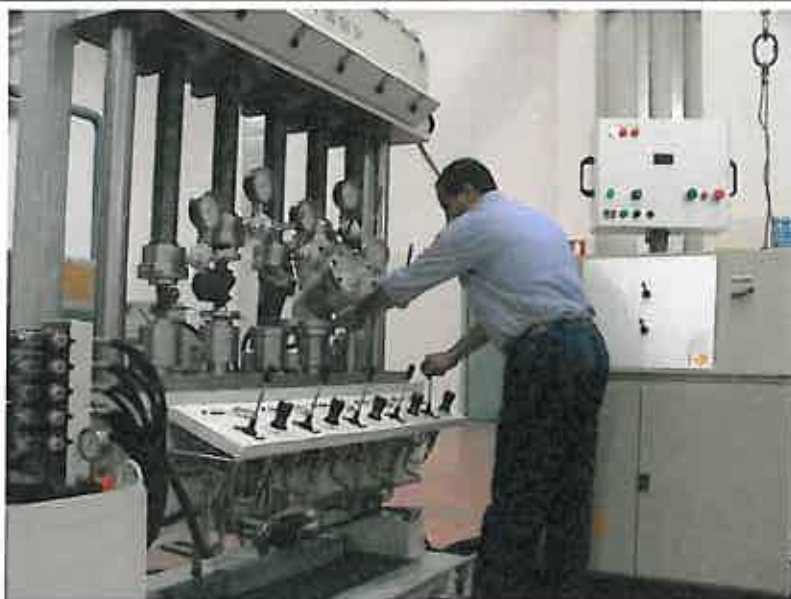
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# **GENERAL CATALOGUE**