

Certificat

Systemes de canalisations de distribution d'eau

La décision n° 434-91-971 du 6 avril 2006
attachée à l'Avis Technique n° 14/05-971

Cette décision annule et remplace la décision n° 422-91-640 du 28 avril 2005

Sur proposition du comité d'évaluation, le produit :

SUDOPRESS CUIVRE VISU CONTROL

De la société **COMAP**
46 rue de l'Industrie
F - 45550 ST DENIS DE L HOTEL

Usine de **F - 45550 ST DENIS DE L HOTEL**

bénéficie de la marque CSTBat en application des règles générales des certificats CSTBat et du règlement technique n° 15-1. Cette décision atteste que le produit ci-dessus est certifié conformément à ces référentiels.

CHAUFFAGE ET DISTRIBUTION SANITAIRE



Hervé BERRIER
Le Directeur Technique

CARACTÉRISTIQUES CERTIFIÉES

Conformité à l'Avis Technique n° 14/05-971

NATURE DU PRODUIT : Raccords métalliques à sertir pour tubes cuivre

- caractéristiques dimensionnelles
- résistance à la pression
- résistance aux sollicitations de pressions alternées

Ce certificat comporte : 1 page

Correspondant : Joël QUILLEROU

Tél. : 01 64 68 82 75

Fax : 01 64 68 84 44

Sauf retrait, suspension ou modification, le droit d'usage de ce certificat est reconduit tous les 15 mois.

La liste des certificats est tenue à jour au CSTB et disponible sur le site internet www.cstb.fr.

Quiconque présente ce certificat doit également produire in extenso l'Avis Technique correspondant.



Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2000

This is to certify that:

Comap S.A.
16 Avenue Paul Santy
BP 8211
69355 Lyon Cedex 08
France

Holds Certificate No: **FM 27369**

and operates a Quality Management System which complies with the requirements of ISO 9001:2000 for the following scope:

Fittings and regulation devices for fluids (water and gas) for the building trade (residential and non residential, 1 + 2 family dwellings and flats). Acting as designer, manufacturer and international distributor.

For and on behalf of BSI:

Managing Director, BSI Management Systems (CEMEA)

Originally registered: **18/02/1994**

Latest Issue: **30/03/2007**



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The British Standards Institution is incorporated by Royal Charter.
Management Systems (CEMEA) Headquarters: 389 Chiswick High Road, London, W4 4AL, United Kingdom



Certificate No: **FM 27369**

Location

Comap S.A.
16 avenue Paul Santy
BP 8211
69355 Lyon Cedex 08
France

Registered Activities

Managing direction and directions dealing with manufacturing, product development, quality and environment, logistics, purchasing, commerce, marketing, customer training, after sales service, finance, human resources, law, insurance, information technology in order to propose a global offer for fittings and fluid (water and gas) regulation in buildings (residential and non residential, 1 + 2 family dwellings and flats). National and international customers. Product range: Ready to install solutions; centralised distribution for heating and sanitary installations, floor heating/cooling. Valves for: Heating; thermostatic, manual and regulating valves, control and security. Hydraulic regulation. Fittings for metal or plastic pipes. Gas products, pressure regulation, tank equipment, pipes and fittings for LPG and natural gas. Specific products for O.E.M. customers (co-development and subcontracting). International logistic platform: Reception, storage, order preparation and deliveries.

Clesse Industries SAS
ZI Le Bois Joli
Grand Champ du Gravier
BP 118
63803 Cournon D'Auvergne
France

The design, development, industrialisation, purchasing, manufacturing, marketing and after sales service in order to propose a global offer for fittings and gas regulation in buildings (residential and non residential, 1 + 2 family dwellings and flats). For national and international customers. Technical product range: Pressure regulation, tank equipment, pipes and fittings for LPG and natural gas. Co-development of specific products for industrial customers.

Originally registered: **18/02/1994**

Latest Issue: **30/03/2007**

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Certificate No: **FM 27369**

Location

COMAP INDUSTRIES
Etablissement Principal
ZA Abbeville Est
Route de Doullens
80 100 Abbeville
France

Registered Activities

The design, development, industrialisation, purchase, manufacture, after sales service and management of the European Training Centre for customers in order to propose a global offer essentially for water heating in buildings (residential and non residential, 1 + 2 family dwellings and flats). For national and international customers.

Products range:

Ready to install systems; centralised distribution for heating and sanitary-ware, floor heating/cooling.

Technical product range:

Valves; thermostatic/manual valves, adjustable fittings and accessories.

Hydraulic regulation: 1/2 pipe diverters sets and accessories, balancing products.

Fittings: compression fittings for copper and plastic pipes.

Co-development of specific products for industrial customers.

Comap Industria SpA
Via G. Dis Vittorio 37
25030 Roncadelle (Bs)
Italy

Design, development, industrialisation, purchase, manufacturing, after sales in order to propose a global offer for fitting, manifolds, fluid distribution system in building. For national and international customers.
Technical product range: manifolds, compression, crimp and rapid fittings for metallic, plastic and composite pipes. Subcontracting and co-developement of specific products for industrial customers.

Comap Checy
17, rue Louis Armand
45430 Checy
France

Reception, storage, order preparation, delivery, after sales service for all products and customer orders of Comap SA and for national and international customers.

COMAP INDUSTRIES
46, rue de l'Industrie
45550 Saint Denis de l'Hôtel France
France

The design, development, industrialisation, purchasing, manufacturing, after sales service in order to propose a global offer for fittings, regulating and security valves and fluid regulation in buildings (residential and non residential, 1 + 2 family dwellings and flats), and for national and international customers.

Technical product range: Fittings; end feed fittings, mechanical fittings for copper pipes, crimp fittings for copper pipes, rapid fittings for copper, plastic and stainless steel pipes. Regulating and security valve s, security groups and valves. Subcontracting and co-development of specific products for industrial customers.

Originally registered: **18/02/1994**

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RACCORDS EN CUIVRE A BRASER PAR CAPILLARITE

Secrétariat Technique :

Centre Scientifique et Technique
du Bâtiment (CSTB)

4, Avenue du Recteur Poincaré
75782 PARIS CEDEX 16

NORME NF EN 1254-1
(avril 1998)

ADMISSION A LA MARQUE NF			
N°	06	DU	2000/07/07
RECONDUCTION DE LA MARQUE NF			
N°	06/5	DU	2004/03/18
IDENTIFICATION DE L'USINE PRODUCTRICE			
N° 06			

La Société : **COMAP**

Usine : **SAINT DENIS DE L'HOTEL**

Siège Social : 46, rue de l'Industrie
45550 SAINT DENIS DE L'HOTEL (FRANCE)

est autorisée à apposer la marque de conformité aux normes françaises sur les types de produits présentés en Annexe technique (page 2/2).

Ce certificat annule et remplace tout certificat antérieur.

Ce certificat comporte 2 pages.

AFNOR CERTIFICATION reconduit au moins une fois par an les droits d'usage de la marque NF et, le cas échéant, les modifie ou les annule.

**Centre Scientifique et Technique du Bâtiment
Le Chef du Service HES**

Dominique POTIER

**AFNOR CERTIFICATION
Le Directeur Exécutif**

Jacques BESLIN

Annexe technique du certificat N° 06/5 du 2004/03/18

Familles	Types	Diamètres des extrémités (mm)
Courbes à grand rayon à 90° et à 45°	Courbes à grand rayon à 90° MF - 5001	10 ; 12 ; 14 ; 16 ; 18 ; 22 ; 28 ; 35 ; 42 ; 54
	Courbes à grand rayon à 90° FF - 5002	10 ; 12 ; 14 ; 16 ; 18 ; 22 ; 28 ; 35 ; 42 ; 54
	Courbes à grand rayon à 45° MF - 5040	10 ; 12 ; 14 ; 16 ; 18 ; 22 ; 28 ; 35 ; 42 ; 54
	Courbes à grand rayon à 45° FF - 5041	10 ; 12 ; 14 ; 16 ; 18 ; 22 ; 28 ; 35 ; 42 ; 54
Coudes à 90°	FF - 5090	8 ; 10 ; 12 ; 14 ; 15 ; 16 ; 18 ; 22 ; 28 ; 35 ; 42 ; 54
	MF - 5092	10 ; 12 ; 14 ; 15 ; 16 ; 18 ; 22 ; 35 ; 42 ; 54
Courbes saut de tube	Chapeau de gendarme FF - 5085	12 ; 14 ; 16 ; 18 ; 22
	Clarinette MF - 5086	12 ; 14 ; 16 ; 18 ; 22
Tés égaux et tés réduits	Tés égaux FFF - 5130	8 ; 10 ; 12 ; 14 ; 16 ; 18 ; 22 ; 28 ; 35 ; 42 ; 54
	Tés réduits FFF - 5130 R	12-10-10 ; 12-10-12 ; 12-12-10 ; 12-14-12 ; 12-16-12 ; 12-18-12 ; 14-10-12 ; 14-12-12 ; 14-12-14 ; 14-14-10 ; 14-14-12 ; 14-16-12 ; 14-16-14 ; 14-18-12 ; 14-18-14 ; 14-22-14 ; 16-10-16 ; 16-12-12 ; 16-12-14 ; 16-12-16 ; 16-14-12 ; 16-14-14 ; 16-14-16 ; 16-16-10 ; 16-16-12 ; 16-16-14 ; 16-18-14 ; 16-18-16 ; 16-22-16 ; 18-12-12 ; 18-12-14 ; 18-12-16 ; 18-12-18 ; 18-14-12 ; 18-14-14 ; 18-14-16 ; 18-14-18 ; 18-16-14 ; 18-16-16 ; 18-16-18 ; 18-18-12 ; 18-18-14 ; 18-18-16 ; 18-22-18 ; 18-28-18 ; 22-12-12 ; 22-12-14 ; 22-12-18 ; 22-12-22 ; 22-14-14 ; 22-14-16 ; 22-14-18 ; 22-14-22 ; 22-16-14 ; 22-16-16 ; 22-16-18 ; 22-16-22 ; 22-18-14 ; 22-18-16 ; 22-18-18 ; 22-18-22 ; 22-22-12 ; 22-22-14 ; 22-22-16 ; 22-22-18 ; 22-28-22 ; 22-35-22 ; 28-12-28 ; 28-14-28 ; 28-16-16 ; 28-16-18 ; 28-16-22 ; 28-16-28 ; 28-18-18 ; 28-18-22 ; 28-18-28 ; 28-22-18 ; 28-22-22 ; 28-22-28 ; 28-28-16 ; 28-28-18 ; 28-28-22 ; 28-35-28 ; 35-18-35 ; 35-18-28 ; 35-22-22 ; 35-22-28 ; 35-22-35 ; 35-28-18 ; 35-28-22 ; 35-28-28 ; 35-28-35 ; 35-35-15 ; 35-35-18 ; 35-35-22 ; 35-35-28 ; 42-18-42 ; 42-22-42 ; 42-28-42 ; 42-35-42 ; 54-22-54 ; 54-28-54 ; 54-35-54 ; 54-42-54
Réductions	FF - 5240	12-10 ; 14-10 ; 14-12 ; 16-10 ; 16-12 ; 16-14 ; 18-10 ; 18-12 ; 18-14 ; 18-16 ; 22-12 ; 22-14 ; 22-16 ; 22-18 ; 28-14 ; 28-16 ; 28-18 ; 28-22 ; 35-18 ; 35-22 ; 35-28 ; 42-22 ; 42-28 ; 42-35 ; 54-22 ; 54-28 ; 54-35 ; 54-42
	MF - 5243	12-10 ; 14-10 ; 14-12 ; 16-12 ; 16-14 ; 18-10 ; 18-12 ; 18-14 ; 18-16 ; 22-12 ; 22-14 ; 22-16 ; 22-18 ; 28-12 ; 28-14 ; 28-16 ; 28-18 ; 28-22 ; 35-18 ; 35-22 ; 35-28 ; 42-18 ; 42-22 ; 42-28 ; 42-35 ; 54-18 ; 54-22 ; 54-28 ; 54-35 ; 54-42
Manchons	FF - 5270	8 ; 10 ; 12 ; 14 ; 16 ; 18 ; 22 ; 28 ; 35 ; 42 ; 54