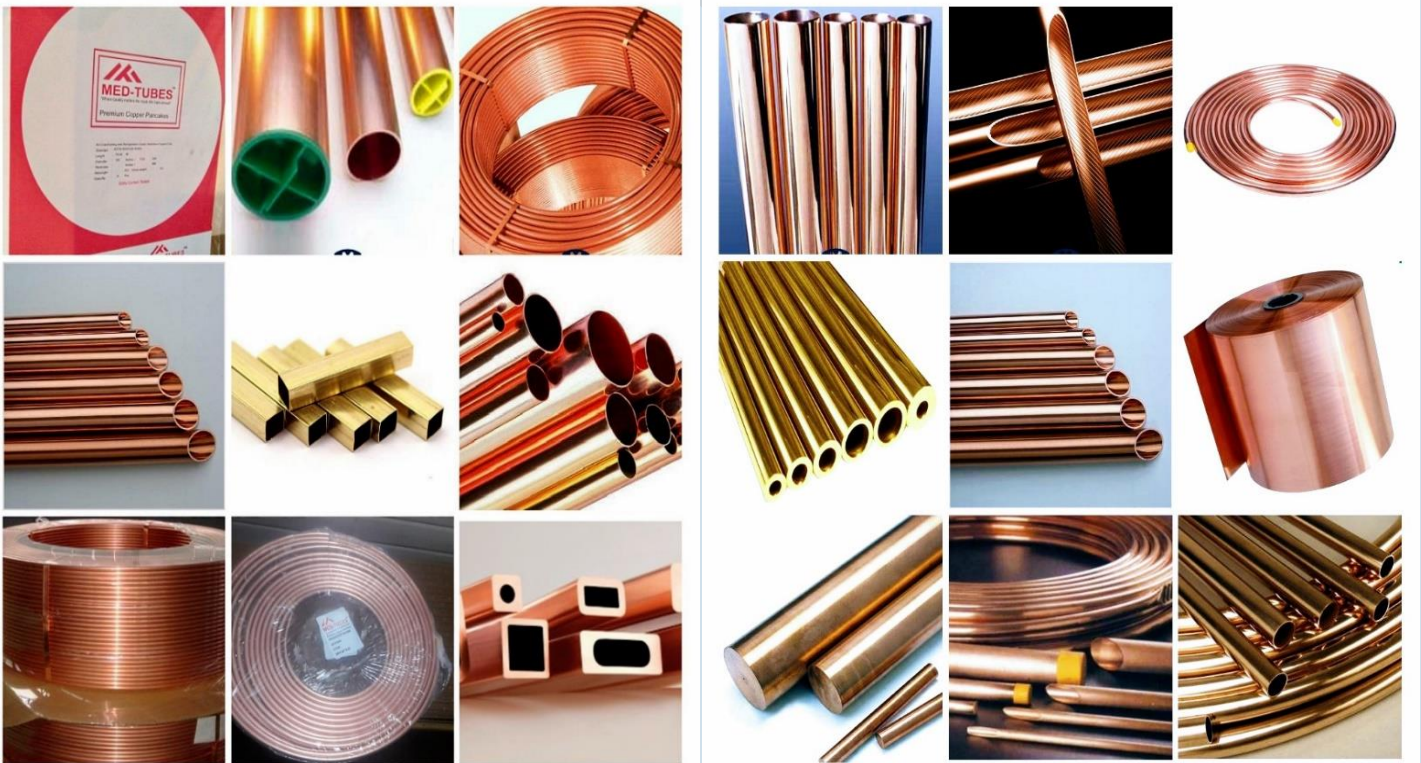




# Munot Metalloys

Manufacturers Since 1986



# **ABOUT US**

## **Who We Are ?**

Munot Metalloys is a leading manufacturer of superior copper tubes, brass tubes and other copper alloy tubes. Our company was initially a trading company for copper products started by Mr Prakashmal Munot. After gaining confidence and seeing the vast potential in the copper and brass tube market, our first manufacturing unit was commenced in the year 1986. We are a pioneer in the Indian copper and brass industry since 35 years. We have a vast range of products in different grades and shapes (Round/Square/Rectangular). Brass tubes are our specialty and are exported all over the world. Our products can be applied to an array of applications like Electrical Systems, Heat Exchangers and Condensers and Automobiles. We have been catering the HVAC and other heating element industries with utmost efficiency. We have an overseas office in Vietnam for better facilitation of our export customers.

Our manufacturing plant is located in the Industrial area of Pardi (Gujarat) and Daman and Diu (U.T) .We have a total of 3 highly efficient units within a span of 3 square km. The location of the units are in close proximity to JNPT (Jawaharlal Nehru Port) which is the busiest and the most important Indian port. Establishing and maintaining a constant growth rate over the years, our ever-increasing infrastructure now consists of a state of the art production facility. Our production facility is well equipped with the latest machineries for making products in large quantities.

Initially we had a small copper drawn plant which we developed into a full grown highly capacity plant in 1997. Our plant has got the approval of renowned leaders like DAIKIN, ARAI, etc. Over the years through successful collaborations and latest technologies we have developed into a known company in the Indian and overseas market.

In order to ensure high quality batch of products as per client's specification we follow stringent and sophisticated Quality Control Test. Detailed testing procedures as per the dictated by ASTM, BS, DIN, JISH, EN & IS standards are carried out at our plant.

One of our most valuable assets is the group of skilled engineers and workers who work in our production plant, They are the backbone of our institution and provide the most needed skills to enable us to produce superior products. We also take pride in our R& D team who constantly strive to bring the latest technologies to use in our products.

## **Why Choose Us ?**

Our extensive experience in specific areas of the copper industry gives us the edge over other players in the industry. We are specialized in the production and processing of products made out of copper. Some of the reasons why we are your trusted business partners are -

Techno savvy infrastructure

Large production capacity

Skilled Engineers and Research Personnel

High Quality Standards

High level of Customizations

Expert Knowledge

# PRODUCTS

## Brass Tubes

1.Brass Tubes 63/37



2.Brass Tubes 70/30



3.Brass Pipes



4.Brass Square Tubes



5.Brass Rectangular Tubes



6.Admiralty Brass Tubes





7. Aluminium Brass Tubes



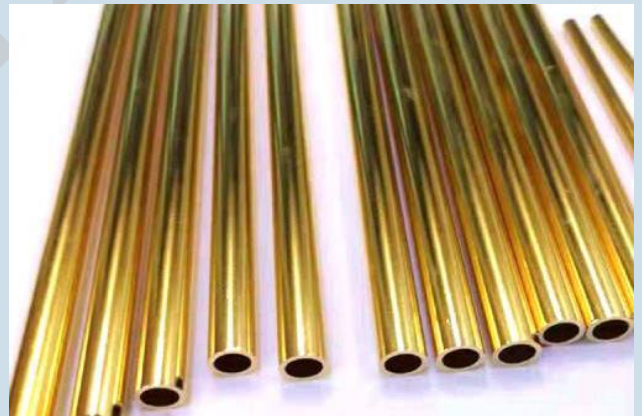
8. Brass Tubes For Furniture & Lightning Fixtures



9. Brass Tubes For Sugar Industries



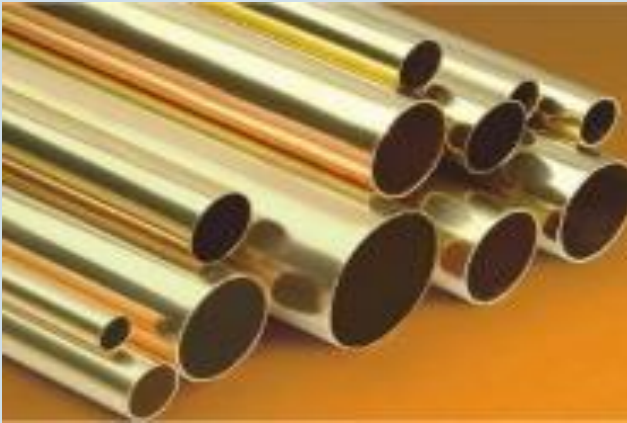
10. Brass Tubes For Agriculture Equipments



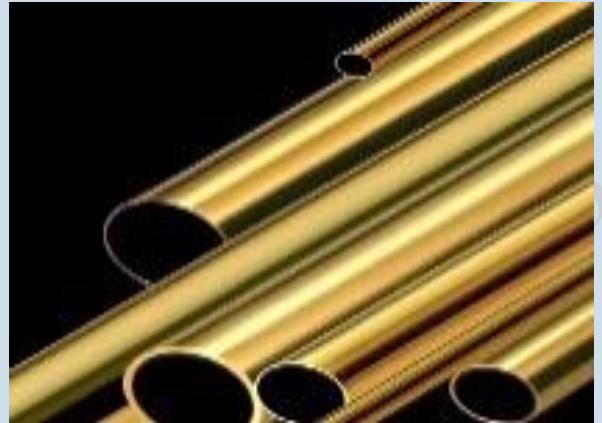
11. Brass Tubes For General Engineering Purpose



12.Brass Tubes For Sanitary Fittings &Accessories



13.Brass Tube C23000



14.Brass Tube C26000



15.Brass Tube C28000



16.Brass Tube C33000



17.Brass Tube C27000





18. Admiralty Brass Tubes For Evaporators & Coolers



19. Brass Tube



20. Hollow Brass Tube



# Copper Tubes

## 1.Copper Square Pipes & Copper Square Tube



## 2.Copper Rectangular Tube



## 3.Copper Tubes for ACR Application



## 4.Copper Plumbing Tube



## 5.Copper Tubes for General Engg





## 6.Copper Tubes For Air Conditioning Systems and Refrigeration Systems.



## 7.Eco Friendly Copper Tubes



## 8.Copper Tubes for Heat Exchangers & Locomotives



## 9.Copper Bus Tubes For Electrical Application

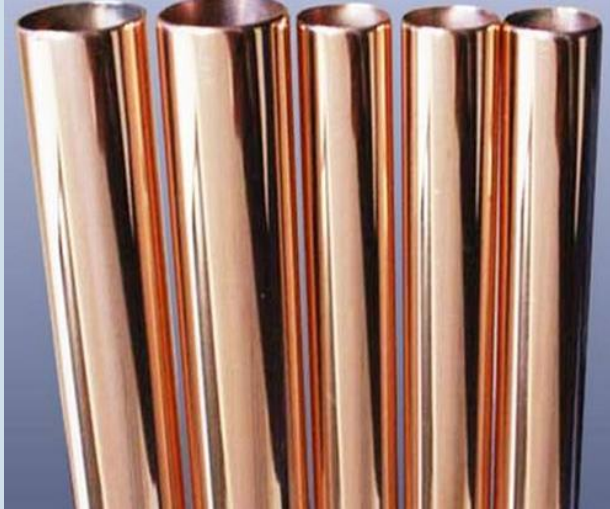


## 10.Polished Copper Tube





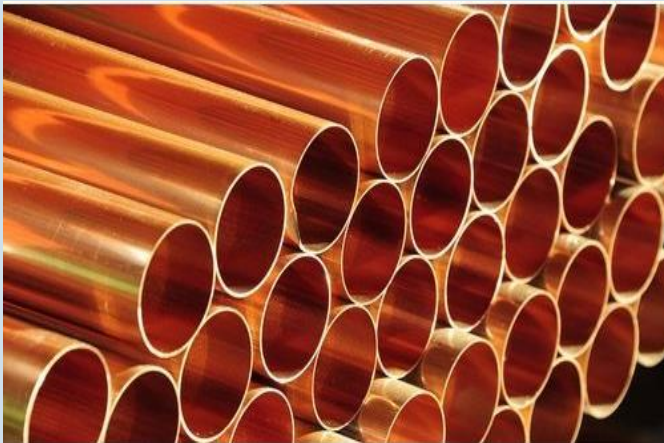
11.Copper Tubes For Automobile Industries



12.Copper Tubes for Earthing System



13.Copper Tubes for Heating Application & Solar Panels



14.Copper Pipes



15.Copper Tubes For Marine Application



16.Copper Tubes

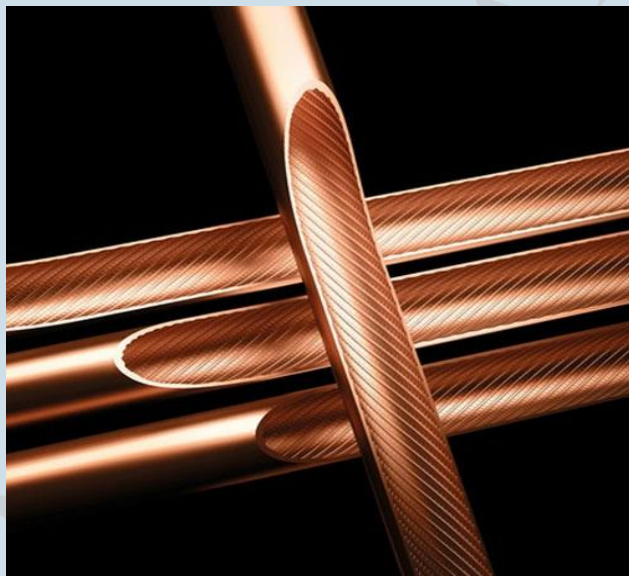


# **COPPER Level Wound Copper Coil**

## **1.Copper LWC for ACR(Plain)**



## **2.Copper LWC for ACR (Inner Grooved)**

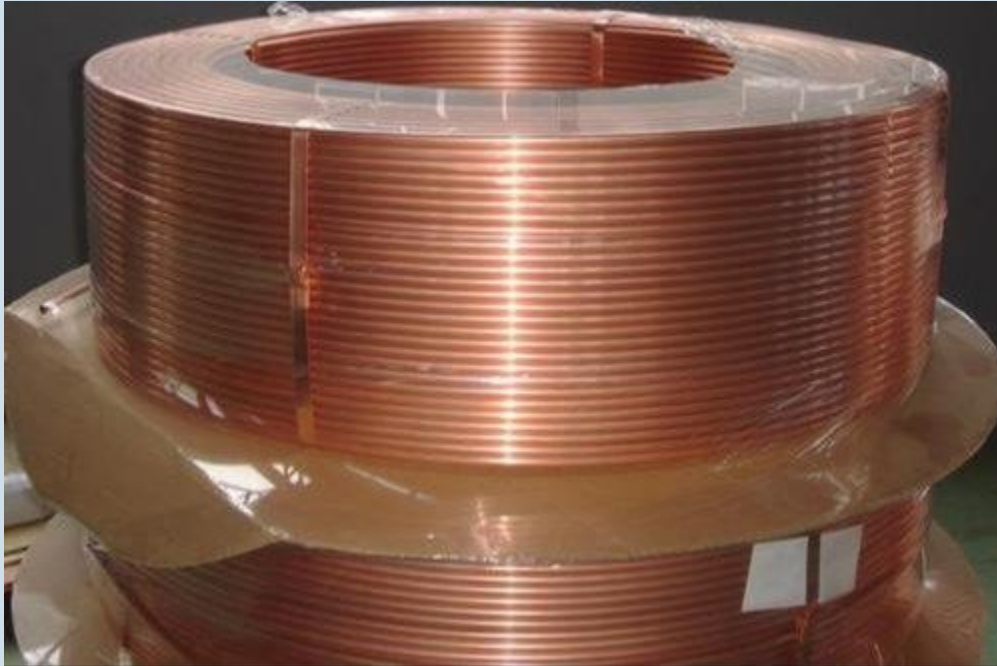


## **3.Copper Level Wound Copper Coil For Heat Exchangers**





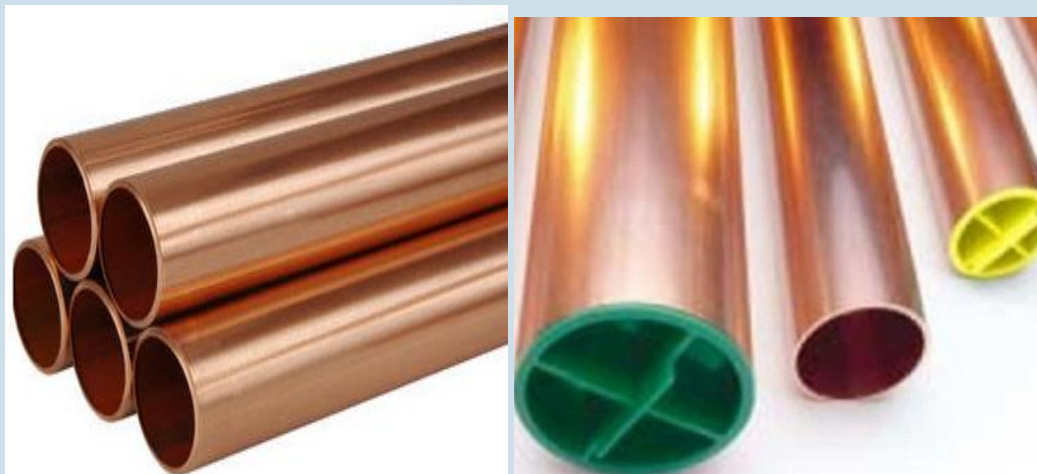
#### 4.Copper Level Wound Copper Coil For Condensor Coils



### **COPPER PANCAKE COIL (PCC - MEDTUBES)**



# **MEDICAL GRADE COPPER PIPE(MGPS) - MANUFACTURER, SUPPLIER.**



## **Copper Nickel Tube**

**1.Copper Nickel 90/10 Tube**



**2.Copper Nickel 70/30 Tube**



**3.Copper Nickel 95/55, 66/30/2/2 (C71640)**





## Other Products

### 1.Brass RODS/BARS/ Fittings



### 2.Copper RODS/BARS/Fittings



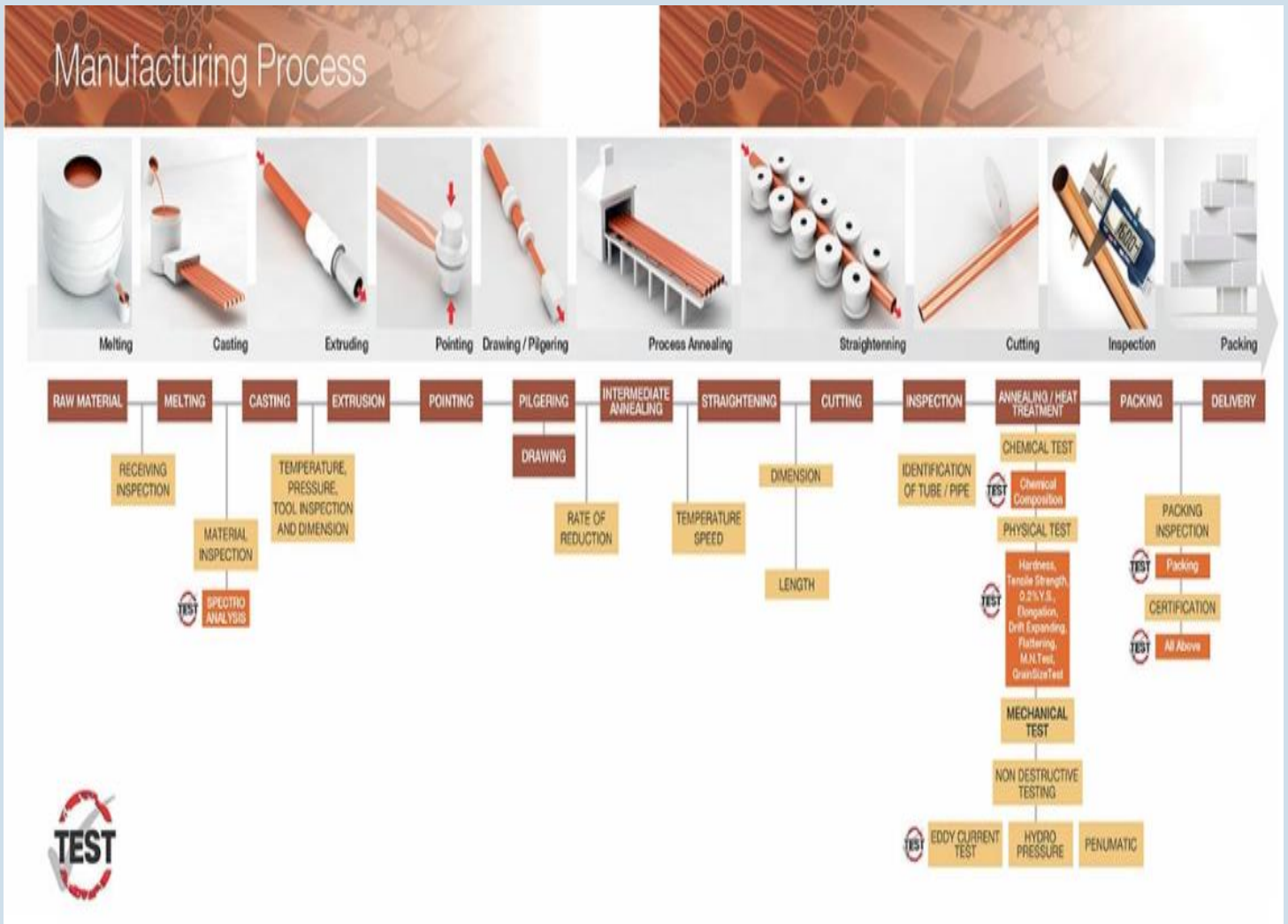
## Typical Quality Assurance Plan

Tests PROCESS	VISUAL D C A	Dimensional D C A	Chemical D C A	Physical Destruct D C A	Physical ( NDT ) D C A	Metallurgical D C A
Incoming Inspection Log Book Records	100% II-RM II-RM II-RM Raw Materials		Sampling II-QC II-QC I-QC Chemical Laboratory			
Melting & Casting Log Book Records	100% II-MC II-MC I-H.P. Melting/Casting		100% III-QC II-QC I-QC Chemical Laboratory			Sampling II-QC II-QC I-QC Chemical Laboratory
Billet Cutting Log Book Records	100% II-MC II-MC I-H.P. Billet Cutting					
Extrusion Log Book Records	100% I-E.P. III-E.P. II-E.P. N.A.	Sampling III-E.P. II-E.P. I-H.P. Extrusion Press				Sampling II-QC II-QC I-QC Chemical Laboratory
Shell Inspection Log Book Records	100% II-QC II-QC I-QC Shell Inspection	100% III-QC II-QC I-QC Shell Inspection				
Pickling Log Book Records	100% IV-CP I-CP I-CP N.A.					
Intermediate Annealing Log Book Records	100% IV-CP I-CP I-CP Annealing			Sampling Physical Laboratory		
Tube Drawing Log Book Records	Sampling IV-CP III-CP I-CP Drawbenches	Sampling III-CP I-CP I-CP Drawbenches				
Tube Straightening Log Book Records	100% IV-CP III-CP I-CP Straightening					
Final Annealing Log Book Records	100% IV-CP III-CP I-CP Annealing			Sampling III-QC II-QC I-QC Drawbenches		
Final Inspection Log Book Records	100% II-RM II-RM II-RM Inspection	100% III-QC II-QC I-QC Inspection	Sampling III-QC II-QC I-QC Chemical Laboratory	Sampling III-QC II-QC I-QC Physical Laboratory	100% III-QC II-QC I-QC Physical Laboratory	Sampling III-QC II-QC I-QC Chemical Laboratory
Legend and Notes D-Done by C-Checked by A-Approved by	NA-Not Applicable RM-Raw Materials QC-Quality Control	MC-Melting/Casting HP-Hot Production EP-Extrusion Press CP-Cold Processing	I-Manager II-Engineer/Office III-Supervisor IV-Workman	Destructive Physical Tests: Non Destructive Physical Tests:	Hardness, Tensile, Drifting, Flattening, Double Bend & Mercurous Nitrate Tests. Hydraulic Pressure Test Air Pressure Test & Eddy Current Test.	



# TECHNICAL INFO

## Manufacturing Process



### TUBES | PIPES

### ALLOY

### SIZE RANGE



COPPER (ETP | DHP | DLP | DPA)  
 CUPRO-NICKEL (90:10 | 70:30 | 95:5)  
 BRASSES  
 (ADMIRALTY | ALUMINIUM | 63:37 | 70:30 | 85:15 | 90:10 | 95:5)

Outside Diameter: 3.00mm(min) - 219.00mm (max)  
 Wall Thickness: 0.30mm (min) - Subject to O.D.  
 Length: 16.50mtr (max) in Straight Length  
 100mtr (max) in Coil subject to O. D. & W. Thickness

# PHYSICAL PROPERTIES OF COPPER & COPPER BASED ALLOY

Density z Gms/cm		MELTING POINT		Coefficient of thermal expansion (20-300 °C) X10 per °C	Specific heat (at 20°C) Cal/gm/ °C	Thermal conductivity at 20°C Cal/ CM/Sec/ °C	Electrical conductivity at 20°C %IACS.
		Solidus Temp. °C	Liquidus Temp. °C				
Electrolytic Cu (ETP)	8.89 - 8.9	1065	1083	17.7	0.092	0.934	101%
DHP Cu	8.94	1065	1083	177.7	0.092	70-87	70-80
DPA Cu	8.94	1065	1082	18.0	0.092	35-45	35-45
TELLURIUM Cu (0.5 Tel)	8.94	1050	1080	17.8	0.092z	0.88	95%
70/30 Cartridge Brass	8.53	915	955	19.9	0.090	0.29	28%
Admiralty Brass	8.53	900	935	20.2	20.2	0.090	0.26 25%
Aluminium Brass	8.33	930	970	18.5	0.090	0.24	23%
70/30 Cu. Ni.	8.94	1100	1150	17.1	0.090	0.11	9%
90/10 Cu. Ni.	8.94	1170	1240	16.2	0.090	0.07	4.6%

## WEIGHT CALCULATING FORMULA

TUBES	Kgs. per foot (TUBES) (D & t in inches)	Kgs. per meter (TUBES) (D & t in mm)
Copper Tubes/ Cu. Ni. Tubes	$(D - t) \times t \times 5.529$	$(D - t) \times t \times 0.0281$
70/30 Brass & Ad Brass	$(D - t) \times t \times 5.269$	$(D - t) \times t \times 0.0268$
Al Brass	$(D - t) \times t \times 5.149$	$(D - t) \times t \times 0.0262$

D = Outside diameter  
t = Wall Thickness

RODS	Kgs. per foot (RODS) (D in inches)	Kgs. per meter (RODS) (D in mm)
Copper	$D^2 \times 1.381$	$D^2 \times 0.070$
Pb Brass	$D^2 \times 1.304$	$D^2 \times 0.0663$

D=Outside diameter

STRIPS	BUS BARS Kgs. per foot (STRIPS)	Kgs. per meter (STRIPS)
Copper	$\frac{\text{Width} \times \text{Thickness}}{369}$	$\frac{\text{Width} \times \text{Thickness}}{369} \times 3.281$ or $\text{Width} \times \text{Thickness} \times 0.0089$



# CERTIFICATIONS.



## Certificate

This is to Certify that

### M/s. Munot Metalloys

Regd. Add.:- 21/4, Sanghvi Sadan Building, 4th Khetwadi Lane,  
S. V. P. Road, Mumbai - 400004, Maharashtra, India

Manufacturing Unit:- Shed No. 24/25, Bharat Industrial Estate,  
Village - Bhimpore, Daman - 396210, Daman & DIU, India  
has been found in Compliance with requirements of  
**Environmental Management System**

## ISO 14001:2015

for the following scope:

**Manufacturer of Copper and Copper Alloy Seamless Tubes as per EN 13348 for  
Medical Application, EN 1057 for water and Gas in Sanitary & Heating  
Application and BS 2871 Part1 and Part 2.**

Certificate No. : EMS/09806/0219  
Original Certificate Date : 11-February-2019  
Issue Date : 11-February-2019  
Expiry Date : 10-February-2022

To check this certificate status visit:  
"<http://uasl.uk.com/certifiedorganization.html>"

  
Authorised Signature

#### Quality Control Certification

UK Office: 1929, Chynoweth House,  
Trevisson Park, Truro-TR48UN, Cornwall, UK

India Office: 2nd Floor, Aman Market,  
Narela Mandi, Delhi - 110 040, India



"Quality Control Certification (QCC)" accredited by "UASL, England, UK". This certificate remains the property of "QCC" to whom it must be returned on request.





# Certificate

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**M/s. Munot Metalloys**

**Regd. Add.:- 21/4, Sanghvi Sadan Building, 4th Khetwadi Lane,  
S. V. P. Road, Mumbai - 400004, Maharashtra, India**

**Manufacturing Unit:- Shed No. 24/25, Bharat Industrial Estate,  
Village - Bhimpore, Daman - 396210, Daman & DIU, India**

has been found in Compliance with requirements of

**Occupational Health and Safety Management System**

**OHSAS 18001:2007**

for the following scope:

**Manufacturer of Copper and Copper Alloy Seamless Tubes as per EN 13348 for  
Medical Application, EN 1057 for water and Gas in Sanitary & Heating  
Application and BS 2871 Part1 and Part 2.**

Certificate No. : OHS/09807/0319

Original Certificate Date : 08-March-2019

Issue Date : 08-March-2019

Expiry Date : 07-March-2022

To check this certificate status visit:

**"<http://uasl.uk.com/certifiedorganization.html>"**

Authorised Signature

**Quality Control Certification**

**UK Office:** 1929, Chynoweth House,  
Trevissome Park, Truro-TR48UN, Cornwall, UK

**India Office:** 2nd Floor, Aman Market,  
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**M/s. Munot Metalloys**

**Regd. Add.:- 21/4, Sanghvi Sadan Building, 4th Khetwadi Lane,  
S. V. P. Road, Mumbai - 400004, Maharashtra, India**

**Manufacturing Unit:- Shed No. 24/25, Bharat Industrial Estate,  
Village - Bhimpore, Daman - 396210, Daman & DIU, India**

has been found in Compliance with requirements of

**Quality Management System**

**ISO 9001:2015**

for the following scope:

**Manufacturer of Copper and Copper Alloy Seamless Tubes as per EN 13348 for  
Medical Application, EN 1057 for water and Gas in Sanitary & Heating  
Application and BS 2871 Part1 and Part 2.**

Certificate No. : QMS/09805/0119

Original Certificate Date: 07-January-2019

Issue Date : 07-January-2019

Expiry Date : 06-January-2022

To check this certificate status visit:

**"<http://uasl.uk.com/certifiedorganization.html>"**

Authorised Signature

**Quality Control Certification**

**UK Office:** 1929, Chynoweth House,  
Trevisson Park, Truro-TR48UN, Cornwall, UK

**India Office:** 2nd Floor, Aman Market,  
Narela Mandi, Delhi - 110 040, India



"Quality Control Certification (QCC)" accredited by "UASL, England, UK". This certificate remains the property of "QCC" to whom it must be returned on request.





# Certificate

Application for  
Pressure Equipment Directive (PED) 2014/68/EU  
This is to certify that the Quality System for the Product Group:

**Manufacturer of Copper and Copper Alloy Seamless Tubes as per EN 13348  
for Medical Application, as per EN 1057 for water and Gas in Sanitary &  
Heating Application and as per BS 2871 Part1 and Part 2.**

Defined by the manufacturer as per the PED  
A Product of

## M/s. Munot Metalloys

**Regd. Add.:- 21/4, Sanghvi Sadan Building, 4th Khetwadi Lane,  
S. V. P. Road, Mumbai - 400004, Maharashtra, India**

**Manufacturing Unit:- Shed No. 24/25, Bharat Industrial Estate,  
Village - Bhimpore, Daman - 396210, Daman & DIU, India**

The quality system for these products has been assessed according  
to the procedure of conformity assessment Prescribed.

This certificate is issued in pursuant to the assessment done &  
Complies with the requirement of under the provision

**Pressure Equipment Directive 2014/68/EU**

QCC has liabilities limited to the audit for certification of the products and in case of  
alteration of the product, not agreed upon by us, this declaration will lose its validity.

Certificate No. : CE/010120/0419

Original Certificate Date : 11-April-2019

Issue Date : 11-April-2019

Expiry Date : 10-April-2022

To check this certificate status visit:  
"<http://uasl.uk.com/certifiedorganization.html>"



Authorised Signature

**For Quality Control Certification**

**UK Office:** 1929, Chynoweth House,  
Trevissome Park, Truro-TR48UN, Cornwall, UK

**India Office:** 2nd Floor, Aman Market,  
Narela Mandi, Delhi - 110 040, India

# CE



Quality Control Certification accredited by UASL, UK  
This certificate doesn't provide the certified organisation with immunity from its legal obligations.  
This certificate remains the property of QC Certification to whom it must be returned on request.

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## CERTIFICATE OF TRUST

**Munot Metalloys**  
Mumbai, Maharashtra

has been certified as a trusted member of IndiaMART

Following details of the company have been verified\*

- ✓ Director / Proprietor: Bhavesh Munot
- ✓ GSTIN: 27BEWPM7118A1ZB
- ✓ Business Address: Floor Ground, 20, 47, Balkrishna Niwas, Panjarapole 2nd Lane, Gulalwadi, Girgoan 2nd Panjarapole Lane, Mumbai- 400004, Maharashtra, India
- ✓ Import Export Code: BEWPM7118A
- ✓ Mobile Number
- ✓ Email Id

\*The process of verification has been carried out by independent third party for Indiamart.

Issue date: 26th Mar 2019 | Expiry date: 19th Nov 2021



IndiaMART InterMESH Ltd.  
6th floor, Tower 2, Assotech Business Cresterra, Plot No.22, Sec 135, Noida-201305,  
Uttar Pradesh, India.

☎ 096-9696-9696 ✉ [customercare@indiamart.com](mailto:customercare@indiamart.com)



# **CONTACT INFO**

## **Corporate office**

Office No. 609, Floor 6th, Plot –CS 1487, Prasad Chamber, Tata Road No. 2, Roxy Cinema, Opera House, Girgaon, Mumbai – 400004.

## **Landline**

**+91 22 67437214 / +91 2267437215 / +91 22 67521165**

## **Bhavesh Munot**

**+91 9930302457**

## **Alpesh Munot**

**+91 9833521219**

## **Email address**

**[info@munotmetalloys.com](mailto:info@munotmetalloys.com)**

## **FACTORY ADDRESS**

### **UNIT 1-**

Unit 24/25 Bharat Ind Estare, Bhimpore Village,Daman-396210(U.T) India

### **UNIT 2-**

Shed No. A2/ 64,G.I.D.C. Killa Pardi-396125,District: Valsad, Gujarat, India

## **OVERSEAS OFFICE: VIETNAM**

### **MUNOT METALLOYS**

76A, Long Giang Industrial Park, Tan Lap 1 Commune, Tan Phuoc District, Tien Giang Province, Vietnam

**Email id : [overseas@munotmetalloys.com](mailto:overseas@munotmetalloys.com)**