

Luvata presentation

14.04.2010



Luvata

Luvata Pori Oy

Metallurgical Applications

Luvata

Luvata Pori Oy

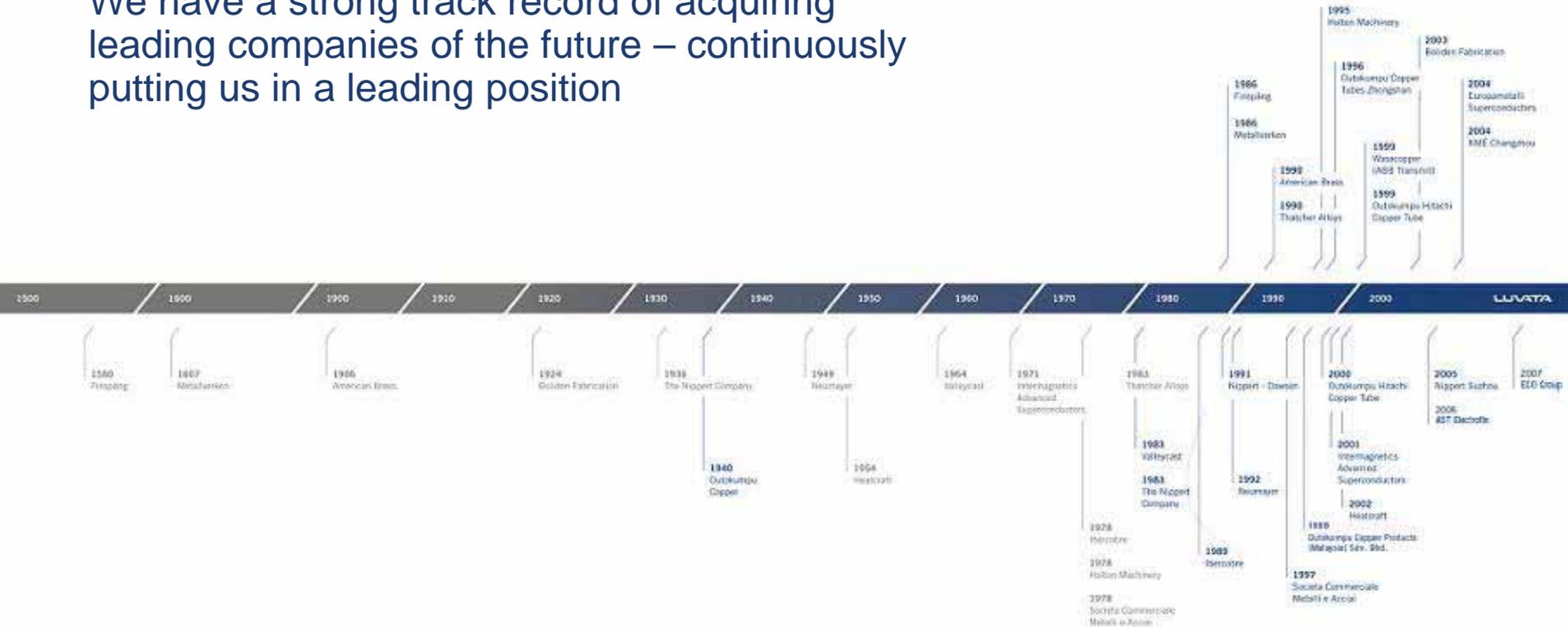
Metallurgical Applications

World-leader in metal fabrication, component manufacturing and related services

- 
- Over 7,000 employees
 - 35 production facilities in 18 countries
 - 65 companies
 - Total sales of EUR 1,5 billion (2009)
 - Deliveries of 231 ktonnes (2009)
 - Diverse and visionary board and owners
 - Significant position in every market we have entered

Long history of growth by acquisition

We have a strong track record of acquiring leading companies of the future – continuously putting us in a leading position



Financial Performance

	2006	2007*	2008
EBITDA (Euro)	98 million	102 million	126 million
% of Net Sales	3.7%	3.9%	5.1%
Net Sales (Euro)	2663 million	2597 million	2488 million
Metal (Euro)	2023 million	1931 million	1725 million
Non-Metal (Euro)	640 million	666 million	763 million
Metal Deliveries	355 Ktonnes	330 Ktonnes	309 Ktonnes

* Figures for 2007 include acquired ECO Group for final four months

Local support from a globally successful company

Americas



Delaware OH
Buffalo NY
Waterbury CT
Appleton WI
Franklin KY
Grenada MS
Jacksonville TX
Juarez, Mexico



Memphis TN
Chicago IL
New Hudson MI

Europe



Austria
Finland (2)
Italy (7)
Netherlands (2)
Spain (2)
Sweden (3)
UK (8)



France
Germany
Poland
Russia

Asia



China (7)
Malaysia (2)
Thailand (2)



Korea
Singapore

Four divisions bringing the best possible benefits to our customers' industry sectors

Special Products

- Welding Electrodes
- Superconducting wire
- Photovoltaic wire
- Electrical material
- Metallurgical applications

ACR Tubes

- ACR tubes
- Hairpins
- Computer cooling
- Tubes for radio frequency cables

Rolled Products

- Connector material
- Telecom material
- Industrial material
- Architectural products
- Solar thermal
- Automotive HX material

Heat Transfer Solutions

- Indoor climate solutions
- Mobile climate solutions
- Food storage and transport-refrigeration solutions
- Industrial process solutions

We operate in a wide range of industries



ARCHITECTURE &
BUILDING



AUTOMOTIVE



CONSUMER
PRODUCTS



ELECTRICAL



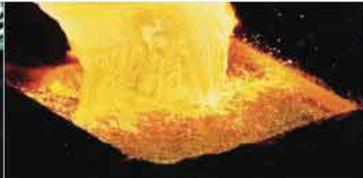
ELECTRONICS



HVAC&R



MEDICAL



METAL &
METALLURGICAL



OIL & GAS



POWER GEN. &
DISTRIBUTION



PROCESS



SUPER-
CONDUCTORS



SUSTAINABLE
ENERGY



TELECOM &
COMMUNICATION



WELDING

Luvata

Luvata Pori Oy

Metallurgical Applications

Luvata Pori Oy 2009

Turnover	275 Meur (480 Meur in 2008)
Production	35 000 tons (52 000 tons in 2008)
Main products	Plates, sheets, wires, superconductors, rods, profiles, cooling elements
Most important export countries	Nordic Countries, Italy, England, US, Germany, France, Eastern Europe
Personnel	540



Luvata Pori Oy



Luvata

Luvata Pori Oy

Metallurgical Applications

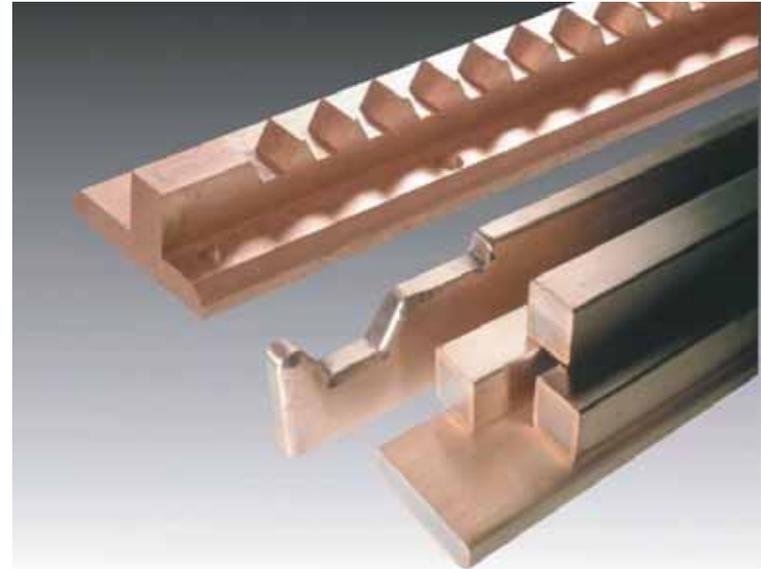
Metallurgical Applications

High-Quality Copper Products
for the World's Metallurgical Industry

- Bus Bars
- Copper Staves
- Cooling Elements
- Other welded & machined products

Bus Bars

Our product range includes: bus bars, cell top accessories, flexible joints, short-circuit frames and hanger bars.

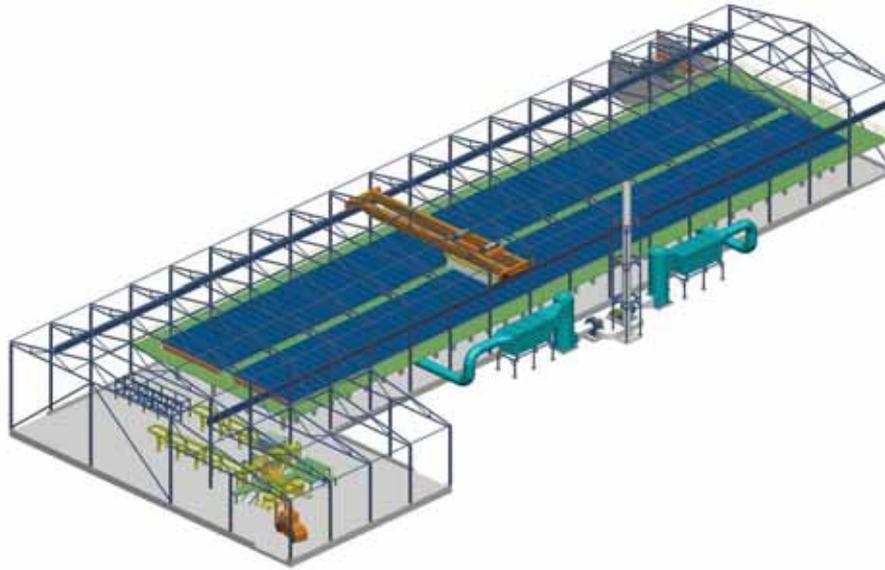


Bus Bars

The benefits of obtaining all these products, together with supervision of installation, from one and the same supplier are obvious.



Bus Bars



Use of latest CAD programs coupled with our efficient organization and highly skilled personnel, ensures success.

Together we can find solutions to even the most difficult problems and achieve the desired outcome both economically and technically.

Copper Staves

Luvata has good experience on manufacturing copper staves for blast furnace cooling systems.

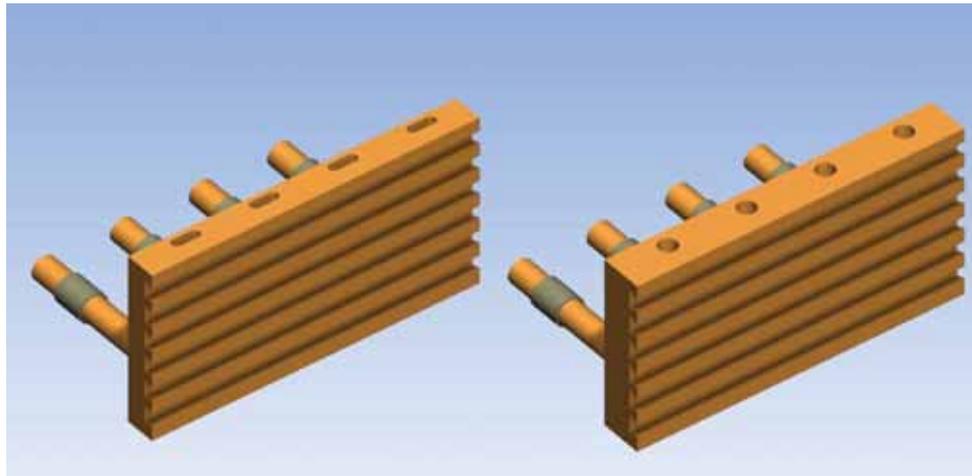
Luvata has supplied copper staves to bosh, belly and lower stack area and also to hearth and tuyere area.



Copper Staves

Luvata supplies copper staves using two specifications. In both cases the Luvata process route commences with continuous casting of the copper slab.

In mould
generated
cooling
channels

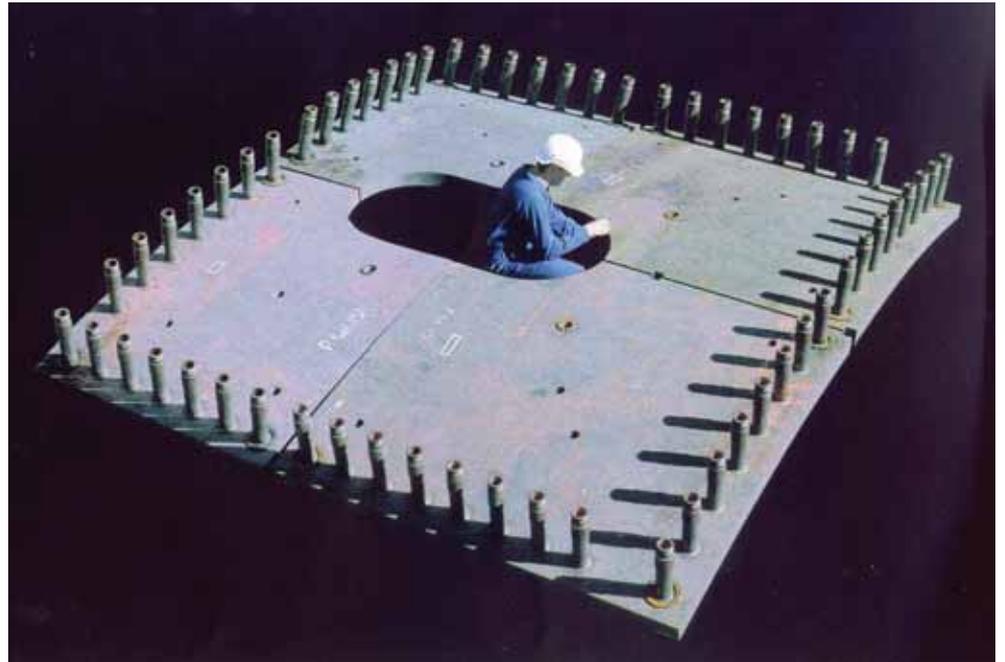


Hot rolled
and drilled
cooling
channels

Copper Staves



Copper staves
for hearth



Copper taphole staves

Copper Staves



Cooling Elements



Copper cooling elements are a vital part of modern smelting technology.

Cooling Elements

EAF accessories



Taphole elements



Other welded & machined products

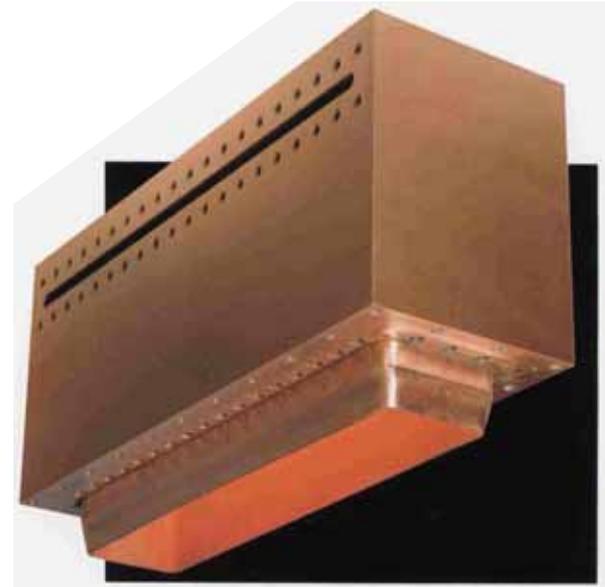
We also manufacture products based on the customer's own drawings for applications that need the high thermal conductivity of Luvata Copper.

These applications are found in many different branches of industry, and we are always ready to discuss with the customer ways to meet his special requirements.

Other welded & machined products



Plate Moulds



Mono-Block Moulds

Other welded & machined products

Nuclear Waste Canisters



Certificates



DET NORSKE VERITAS MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 58901-2009-AQ-FIN-FINAS

This is to certify that

LUVATA PORI OY

Kopartie 5, 28330 Pori, Finland

has been found to conform to the Management System Standard:

ISO 9001:2000

This Certificate is valid for the following product or service ranges:

DEVELOPMENT, PRODUCTION AND SALES OF CAST, EXTRUDED, DRAWN AND ROLLED PRODUCTS MADE OF COPPER AND COPPER ALLOYS AS WELL AS SUPERCONDUCTING WIRE AND CABLE PRODUCTS. DESIGN, DEVELOPMENT, MANUFACTURE AND SALES OF MACHINED, WELDED, FORMED AND PLATED PRODUCTS. TOOL MANUFACTURE, REFURBISHMENT AND REPAIR. TESTING OF OWN PRODUCTS.

Initial Certification date:
16 December 2003

This Certificate is valid until:
30 September 2012

The audit has been performed under the supervision of:
Armi Kurki
Lead Auditor



Place and date:
Espoo, 06 August 2009
for the Accredited Unit:
DNV CERTIFICATION OY/AB,
FINLAND

[Signature]
Osmo Flink
Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.

HEAD OFFICE: Det Norske Veritas AS, Veritasveien 1, 1322 Sandvika, Norway. Tel: +47 67 91 99 00 Fax: +47 67 91 99 11 - www.dnv.com



DET NORSKE VERITAS MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 24063-2009-AE-FIN-FINAS

This is to certify that

LUVATA PORI OY

Kopartie 5, 28330 Pori, Finland

has been found to conform to the Management System Standard:

ISO 14001:2004

This Certificate is valid for the following product or service ranges:

DEVELOPMENT, PRODUCTION AND SALES OF CAST, EXTRUDED, DRAWN AND ROLLED PRODUCTS MADE OF COPPER AND COPPER ALLOYS AS WELL AS SUPERCONDUCTING WIRE AND CABLE PRODUCTS. DESIGN, DEVELOPMENT, MANUFACTURE AND SALES OF MACHINED, WELDED, FORMED AND PLATED PRODUCTS. TOOL MANUFACTURE, REFURBISHMENT AND REPAIR. TESTING OF OWN PRODUCTS.

Initial Certification date:
29 May 2009

This Certificate is valid until:
30 April 2012

The audit has been performed under the supervision of:
Armi Kurki
Lead Auditor



Place and date:
Espoo, 19 May 2009
for the Accredited Unit:
DNV CERTIFICATION OY/AB,
FINLAND

[Signature]
Osmo Flink
Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.

HEAD OFFICE: Det Norske Veritas AS, Veritasveien 1, 1322 Sandvika, Norway. Tel: +47 67 91 99 00 Fax: +47 67 91 99 11 - www.dnv.com



DET NORSKE VERITAS MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 56368-2009-AIISO-FIN-FINAS

This is to certify that

LUVATA PORI OY

Kopartie 5, 28330 Pori, Finland

has been found to conform to the Management System Standard:

OHSAS 18001:2007

This Certificate is valid for the following product or service ranges:

DEVELOPMENT, PRODUCTION AND SALES OF CAST, EXTRUDED, DRAWN AND ROLLED PRODUCTS MADE OF COPPER AND COPPER ALLOYS AS WELL AS SUPERCONDUCTING WIRE AND CABLE PRODUCTS. DESIGN, DEVELOPMENT, MANUFACTURE AND SALES OF MACHINED, WELDED, FORMED AND PLATED PRODUCTS. TOOL MANUFACTURE, REFURBISHMENT AND REPAIR. TESTING OF OWN PRODUCTS.

Initial Certification date:
03 February 2005

This Certificate is valid until:
31 December 2010

The audit has been performed under the supervision of:
Armi Kurki
Lead Auditor



Place and date:
Espoo, 26 June 2009
for the Accredited Unit:
DNV CERTIFICATION OY/AB,
FINLAND

[Signature]
Osmo Flink
Management Representative

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Certificates



DET NORSKE VERITAS MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 54064-2009-AQ-FIN-FINAS

This is to certify that

LUVATA PORI OY

Kuparitie 5, 28330 Pori; Finland

has been found to conform to the Management System Standard:

ISO 3834-2:2005

This Certificate is valid for the following product or service ranges:

DEVELOPMENT, PRODUCTION AND SALES OF CAST, EXTRUDED, DRAWN AND ROLLED PRODUCTS MADE OF COPPER AND COPPER ALLOYS AS WELL AS SUPERCONDUCTING WIRE AND CABLE PRODUCTS, DESIGN, DEVELOPMENT, MANUFACTURE AND SALES OF MACHINED, WELDED, FORMED AND PLATED PRODUCTS, TOOL MANUFACTURE, REFURBISHMENT AND REPAIR, TESTING OF OWN PRODUCTS.

SEE ISO 3834-2:2005 APPENDIX FOR SCOPE OF ACTIVITY.

Initial Certification date:
29 May 2009

This Certificate is valid until:
31 May 2012

The audit has been performed under the supervision of

Anssi Kurki
Lead Auditor



8018 (EN 45011)
(ISO/IEC Guide 65)

Place and date:

Espoo, 29 May 2009

for the Accredited Unit:
DNV CERTIFICATION OY/AB,
FINLAND

Osmo Flink
Management Representative

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DET NORSKE VERITAS APPENDIX TO CERTIFICATE

This ISO 3834-2 Appendix refers to Certificate No.: 54064-2009-AQ-FIN-FINAS

Issue Date: 2009-05-29

Luvata Pori Oy / Metallurgical Applications

SCOPE OF ACTIVITY

1 Type of product(s):

Welded copper products: cooling elements, copper staves, bus bars and special products

2 Product standard(s):

-

3 Parent materials group(s) (according CR 12187 or CR 15608):

CR 15608 / 31, 37

4 Welding and allied process(es):

TIG-welding, MIG/MAG-weldings

5 Deviations:

5.1 Non EN standards:

5.2 Other deviations:

5.3 Specific requirements:

6 Authorised welding coordinator(s):

Name	Level
Pasi Ranne	IWE
Ari Leppänen	EWS

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Thank you!

www.luvata.com

LUVATA
Partnerships beyond metals