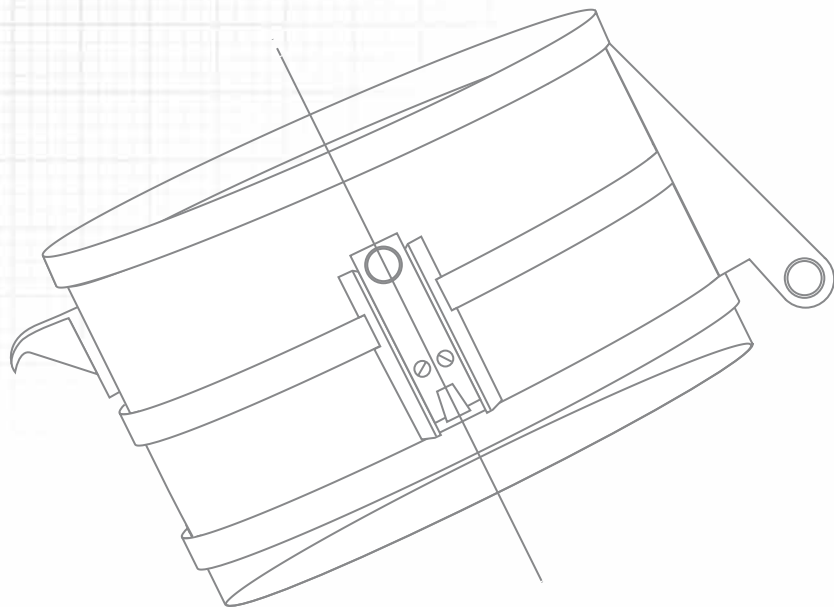


Products of Pure Value

Liquid Metal



View of crucible used in transport of liquid metal

Liquid metal from Alba is literally a hot favourite among the downstream industry in Bahrain. It can be used immediately in casting a range of products such as electrical and welding wires, wheel alloys, conductors, aluminium powders and pellets, and as a hardener alloy for subsequent re-melting operations.

We ensure its top quality before it reaches the customer.

It passes through the Treatment of Aluminium in Crucible (TAC), a process that enhances quality by reducing the alkaline earth metals such as sodium (Na). In fact, Alba treats all liquid metal it produces through the TAC process before being supplied to customers in crucibles or when transferred to the Casthouse for producing various cast products.

Liquid metal is used for aluminium products such as primary alloys and master alloys. In addition, EC rod, alloy rod, wire and alloy ingots – all based on primary aluminium – are produced from liquid metal.

Around 45% of our output – including liquid metal with minimum aluminium purity levels of 99.7% – goes to the local industries and the rest is used in-house to develop products and alloys, which are then exported to global markets.

At Alba, our commitment to supply high quality aluminium doesn't end at our dispatch counter. Rather, it's the starting point of an enduring relationship with our customers.

We make every effort to strengthen our partnership by providing proactive and prompt customer support services with our array of resources and after sales service. Our technical support is available freely to all customers and draws on over four decades of our extensive experience in various aspects of casthouse operations.

Alloys In Aluminum Association (AA):

Table # 1: Alloy specification of 1070.02-alloy:

1070.02	SI	FE	CU	MN	MG	CR	NI	ZN	B	GA	V	TI	OTHER	T.OTHS	AL
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	99.70
Max	0.10	0.20	0.03	0.03	0.03	0.03	0.03	0.03	0.005	0.03	0.03	0.03	0.03	0.10	99.99

Table # 2: Alloy specification of 1080.00-alloy:

1080.00	SI	FE	CU	MN	MG	CR	NI	ZN	B	GA	V	TI	OTHER	T.OTHS	AL
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	99.80
Max	0.08	0.10	0.02	0.02	0.02	0.02	0.02	0.02	0.005	0.02	0.02	0.02	0.02	0.10	99.99

Table # 3: Alloy specification of 1090.02-alloy:

1090.02	SI	FE	CU	MG	CR	NI	V	AL
Min	0.00	0.00	0.000	0.00	0.00	0.00	0.00	99.86
Max	0.06	0.0650	0.005	0.01	0.01	0.01	0.01	99.99

