

31 July 2026

**REVISIONS TO THE LOOSE-LEAF RULEBOOK
OF THE LONDON METAL EXCHANGE**

Release No 138

Enclosed are replacement pages of the LME Rulebook affected by recent revisions.

Updates comprise:-

Part 1 – Replace pages 1-7 to 1-36

Part 6 – Replace contents and pages 6-5 to 6-49

Details of the substantive changes are below:

26/063	LME PHYSICAL MARKETS CONSULTATION AND DISCUSSION PAPER
26/194	DECISION NOTICE ON THE LME PHYSICAL MARKETS CONSULTATION AND DISCUSSION PAPER, AND FURTHER CONSULTATION ON PHYSICAL MARKETS ENHANCEMENTS INCLUDING THE BRAND LISTING PROCESS



Susan Small

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	(c) authorised by the Exchange to issue Client LME Base Contracts; and
	(d) granted Category 4 Membership by the Exchange;
"Category 5 Member"	a Member who is: (a) not authorised by the Exchange to trade in the Ring; (b) not authorised by the Exchange to clear Cleared Contracts; (c) not authorised by the Exchange to issue Client Contracts; and (d) granted Category 5 Membership by the Exchange;
"Certificate of Analysis" or "COA"	a certificate of analysis relating to specific Lots of metal which must state the: (i) brand name; (ii) production cast reference; (iii) content within a minimum purity as defined in Special Contract Rule 1 (a) of the relevant section of Part 6 of the Rules; (iv) any other requirements for a given metal as specified in the relevant section of Part 6 of the Rules; (v) any other requirements specified by the Exchange from time to time;
"Chief Executive" or "Chief Executive Officer" or "CEO"	the chief executive officer of the Company, including the "Deputy Chief Executive" and any other person for the time being appointed to perform the duties of Chief Executive of the Company;
"Chief Operating Officer" or "COO"	the chief operating officer of the Company, including the "Deputy Operating Officer" and any other person for the time being appointed to perform the duties of the Chief Operating Officer of the Company;
"Claimant"	the person commencing an arbitration by serving a Notice to Arbitrate;
"Cleared Cash-Settled Future"	a Cleared Contract which is a Cash-Settled Future;
"Cleared Contract"	(a) the Contract or Contracts which may result from the process of acceptance set out in the Clearing House Rules, upon or following Execution;

- (b) any other Contract or Contracts which may be created between the Clearing House and a Clearing Member in relation to an Agreed Trade by operation of the Clearing House Rules, including, without limitation, any Contract that results from any process under the Clearing House Rules that varies, modifies, transfers, replaces, novates or ports any Contracts within (a) above or any Contract that results from any netting or settlement-to-market process under the Clearing House Rules;

"Cleared Index Contract"	a Cleared Contract which is an Index Contract;
"Cleared Index Future"	a Cleared Contract which is an Index Future;
"Cleared Index Option"	a Cleared Contract which is an Index Option;
"Cleared LME Base Contract"	a Cleared Contract which is not a Cleared LMEprecious Contract;
"Cleared LMEmini Future"	a Cleared Contract which is an LMEmini Future;
"Cleared LMEprecious Contract"	a Cleared Contract which is an LMEprecious Contract;
"Cleared LMEprecious Future"	a Cleared Contract which is an LMEprecious Future;
"Cleared LMEprecious Option"	a Cleared Contract which is an LMEprecious Option;
"Cleared Metal Contract"	a Cleared Contract which is a Metal Contract;
"Cleared Metal Future"	a Cleared Contract which is a Metal Future;
"Cleared Metal Option"	a Cleared Contract which is a Metal Option;
"Cleared Monthly Average Future "	a Cleared Contract which is a Monthly Average Future;
"Cleared Option Contract"	a Cleared Contract which is an Option Contract;
"Cleared Premium Contract"	a Cleared Contract which is a Premium Contract;
"the Clearing House"	such Clearing-house for the time being appointed by the Exchange to clear Contracts;
"the Clearing House Rules"	the rules of the Clearing House that are binding on Clearing Members, as for the time being in force

	in relation to the Exchange, and the procedures of the Clearing House with respect thereto;
"Clearing Member"	a Member that is permitted by the Clearing House to clear Cleared Contracts, being: (a) in respect of the LME Base Service, a Category 1, 2 or 3 Member; or (b) in respect of the LMEprecious Service, an LMEprecious General Clearing Member or an LMEprecious Individual Clearing Member;
"Clearing Member Transferee"	means a Clearing Member to whom a Client-Related Cleared Contract is transferred in accordance with the Clearing House Rules;
"Clearing Member Transferor"	means a Clearing Member from whom a Client-Related Cleared Contract is transferred in accordance with the Clearing House Rules, being the Clearing Member that was the counterparty to the Clearing House under such Cleared Contract immediately prior to the time of such transfer;
"Client"	a person who: (a) is or may be a party to a Client Contract, other than the person who issues the Client Contract; or (b) otherwise has a client relationship with a Member in relation to any transaction represented by a Contract;
"Client Cash-Settled Future"	a Client Contract which is a Cash-Settled Future;
"Client Contract"	(a) in respect of the LME Base Service, each of: (i) an LME Base Contract between a Category 1 or 2 Member and a Category 4 Member; or (ii) an LME Base Contract between a Category 1, 2 or 4 Member and any other person (as a Client); or (iii) a Post-Compression Client Contract that is an LME Base Contract; or

- (iv) any Contract formed pursuant to the application of a netting, aggregation and/or settlement to market process, applied to any Contract in (i), (ii) or (iii) above,

in each case that is not a Cleared Contract; and

(a) in respect of the LMEprecious Service:

- (i) an LMEprecious Contract between an LMEprecious General Clearing Member and an LMEprecious Non-Clearing Member; or
- (ii) an LMEprecious Contract between an LMEprecious General Clearing Member or LMEprecious Non-Clearing Member and any other person (as a Client); or
- (iii) any Contract formed pursuant to the application of a netting, aggregation and/or settlement to market process, applied to any Contract in (i) or (ii) above,

in each case that is not a Cleared Contract;

"Client Index Contract"	a Client Contract which is an Index Contract;
"Client Index Future"	a Client Contract which is an Index Future;
"Client Index Option"	a Client Contract which is an Index Option;
"Client LME Base Contract"	a Client Contract which is not a Client LMEprecious Contract;
"Client LMEmini Future"	a Client Contract which is an LMEmini Future;
"Client LMEprecious Contract"	a Client Contract which is an LMEprecious Contract";
"Client LMEprecious Future"	a Client Contract which is an LMEprecious Future;
"Client LMEprecious Option"	a Client Contract which is an LMEprecious Option;
"Client Metal Contract"	a Client Contract which is a Metal Contract;
"Client Monthly Average Future"	a Client Contract which is a Monthly Average Future;

"Client of Concern"	has the meaning given to it in Regulation 12.10.2 of Part 2;
"Client Option Contract"	a Client Contract which is an Option Contract;
"Client Premium Contract"	a Client Contract which is a Premium Contract;
"Client-Related Cleared Contract"	means a Cleared Contract that came into effect between the Clearing House and a Clearing Member pursuant to the Execution of an Agreed Trade, and which corresponds to a Client Contract that came into effect under these Rules at the same time as such Cleared Contract came into effect (and including any Post-Compression Cleared Contracts that may arise following Compression at the Clearing House of any such Cleared Contract);
"Client Traded Average Price Option"	a Traded Average Price Option where either Granter or Taker or each of them is not a Clearing Member;
"Close of Pleadings"	the end of a period of 28 days after the time for submission of the points of reply, unless otherwise ordered by the Tribunal;
"Closing Prices"	the prices determined for margining purposes on each Business Day by the Quotations Committee in accordance with Regulation 6.1 of the Trading Regulations or by the Clearing House in accordance with Regulation 15 of the Trading Regulations;
"The Company" or "The LME"	The London Metal Exchange, a company registered in England and Wales under company number 02128666;
"Compression"	means the replacement of multiple Contracts between the same two parties with a smaller number of Contracts by the aggregation of Contracts having the same direction, together with the netting of Contracts having opposite directions, and which may occur, as the context requires: (a) "at the Clearing House", in relation to Cleared Contracts, subject to and in accordance with the Clearing House Rules; and (b) "under the Exchange Rules", in relation to Underlying Client Contracts that relate to such Cleared Contracts, subject to and in

accordance with Regulation 14 of the Contract Regulations,

and the terms "same direction" and "opposite direction" shall be construed in accordance with Regulation 1.5 of this Part 1;

"Confidential Information"

has the meaning in Regulation 21 in Part 2 of the Rules;

"Constituent Metals"

the metals underlying the Index, as set out by way of Notice from time to time;

"Contingent Agreement to Trade"

an agreement between two parties to an Agreed Trade made in the inter-office market, having the characteristics specified in Regulation 2.10 of the Trading Regulations;

"Contract"

- (a) a contract for the purchase and sale of one or more Lots of a metal for the time being dealt in on the Exchange in respect of which:
 - (1) either the buyer or the seller or each of them is a Category 1, 2, 3 or 4 Member; and
 - (2) the delivery date is a Prompt Date for the time being permitted by the Rules; and
 - (3) the price is expressed in a currency for the time being permitted by the Rules; and
 - (4) the quality and other characteristics of the metal concerned are expressly or impliedly to be as prescribed by the Exchange; or
- (b) a Metal Option or Traded Average Price Option which has the characteristics prescribed by or pursuant to the Metal Options Regulations or, as the case may be, the Traded Average Price Options Regulations to enter into a contract falling within (a) above; or
- (c) an Index Future or an Index Option which has the characteristics prescribed by the

Rules and, as the case may be, the Index Option Regulations; or

- (d) an LMEmini Contract which has the characteristics prescribed by the Rules; or
- (e) a Monthly Average Future which has the characteristics prescribed by the Rules;
- (f) a Cash-Settled Future which has the characteristics prescribed by the Rules;
- (g) a Premium Contract which has the characteristics prescribed by the Rules;
- (h) an LMEprecious Future which has the characteristics prescribed by the Rules and, as the case may be, the LMEprecious Future Regulations;
- (i) an LMEprecious Option which has the characteristics prescribed by the Rules and, as the case may be, the LMEprecious Option Regulations,

but

- (j) shall not include any contract which, by virtue of provisions agreed between the parties at or before the time they enter into the contract as to delivery or otherwise, is clearly intended to be performed otherwise than as prescribed by the Rules;

"Contract Regulations"

the Regulations set out in Part 4 of the Rules;

"Counterparty"

in relation to a party to a Contract, the other party to the same Contract;

"Counter Notice"

a notice served by the Respondent pursuant to Regulation 2.5 of Part 8 of the Rules;

"Critical Contact"

a Contract specified as such by the Exchange in accordance with the Rules as published from time to time;

"Cross"

a trade between a Member and its Client, the effect of which is to ensure that a Contract is recorded in the Member's client account at the Clearing House that corresponds to a Client Contract between the Member and such Client, notwithstanding any other Contracts recorded to the client or house

	accounts of the Member upon Execution of the trade;
"Crossing Rule"	has the meaning set out in Regulation 2.4A of Part 3 of these Rules;
"Daily Settling Client Contract"	has the meaning set out in Regulation 9.7.1 of the Trading Regulations;
"Dealer"	a person duly authorised to trade on behalf of a Category 1 Member or in respect of LME Select, a person permitted to deal on LME Select on behalf of an LME Select Participant;
"Dealing Area"	the Ring and surrounding area and corridors (not including booth offices sublet to Category 1 Members) on the relevant floor of the Exchange's premises;
"Dealing Offences"	has the meaning set out in Regulation 11.2.3 of the Trading Regulations;
"Dealing On Own Account"	trading against proprietary capital resulting in the conclusion of transactions in one or more Contracts on the Exchange;
"Declaration Day"	in relation to a Traded Average Price Option for a particular month, the last Business Day in that month;
"Defaulter"	a person whom the Exchange has determined, in accordance with Regulation 2 of the Default Regulations, to be a defaulter;
"Default Notice"	notice of a determination by the Exchange issued pursuant to Regulation 4.1 of the Default Regulations;
"Default Regulations"	the Regulations contained in Part 9 of the Regulations;
"Default Settlement Amount"	the amount payable by one party to the other in respect of an Unsettled Contract to which a Defaulter is a party which is settled under or pursuant to the Default Regulations;
"Default Settlement Price"	(a) in relation to a Metal Future or a Premium Contract or an LMEmini Future, the Closing Price (including the Premium Contract Closing Price and LMEmini Futures Closing Price) for the relevant metal and Prompt Date published next after the time of issue of the Default Notice

(determined where necessary by reference to the Closing Price so published for other Prompt Dates); or

- (b) in relation to an Index Future, the Index Futures Closing Price for the Prompt Date published next after the time of issue of the Default Notice (determined where necessary by reference to the Index Futures Closing Price so published for other Prompt Dates); or
- (c) in relation to a Metal Option which is not, and is not deemed to be, exercised pursuant to the Default Regulations, the value of such Option determined, pursuant to Regulation 5.8 of the Trading Regulations next after the time of issue of the Default Notice; or
- (d) in relation to a Traded Average Price Option Contract which is not, and is not deemed to be, exercised pursuant to the Default Regulations, the value of such Option Contract determined, pursuant to Regulation 5.8 of the Trading Regulations next after the time of issue of the Default Notice; or
- (e) in relation to an Index Option which is not, and is not deemed to be, exercised pursuant to the Default Regulations, the value of such Option determined pursuant to Regulation 5.8 of the Trading Regulations next after the time of issue of the Default Notice; or
- (f) in relation to a Monthly Average Future, the difference between the Monthly Average Future Closing Price for the relevant tradeable month for the relevant underlying metal as published after the time of issue of the Default Notice, and the fixed price agreed between the buyer and the seller in the Contract multiplied by the Contract size; or
- (g) in relation to a Cash-Settled Future, the Cash-Settled Future Daily Settlement Price for the Business Day next after the time of issue of the Default Notice

(determined where necessary by reference to the Cash-Settled Future Daily Settlement Price(s) so determined for other relevant Business Days within the prompt month); or

- (h) in relation to an LMEprecious Future, the LMEprecious Daily Settlement Price for the Business Day next after the time of issue of the Default Notice (determined where necessary by reference to the LMEprecious Daily Settlement Price(s) so determined for other relevant Business Days within the prompt month); or
- (i) in relation to an LMEprecious Option which is not, and is not deemed to be, exercised pursuant to the Default Regulations, the value of such Option determined pursuant to Regulation 5.8 of the Trading Regulations next after the time of issue of the Default Notice; or
- (j) such other price or prices as the Exchange may, in its absolute discretion, determine taking into account, without prejudice to the generality of the foregoing, the timing of the Default Notice, and the appropriateness of using prices and values determined next after the time of issue of the Default Notice, as referred to in paragraphs (a) to (i) above;

"Defence"	has the meaning set out in Regulation 14.14 of the Membership Regulations;
"Delta Hedged Strategy"	has the meaning set out in Regulation 2.14.2 of the Trading Regulations;
"Delivery Point"	a specific geographic area within which warehouses may be listed and approved by the Exchange for the issue of Warrants;
"Deposit"	such sum as may be specified by Administrative Procedure from time to time;
"Direct Electronic Access"	an arrangement where a Member permits a Client to use its trading code so the Client can electronically transmit orders relating to a financial instrument (as such term is defined in Article 4(1)(15) of MiFID II) directly to the Exchange, and

	which term includes Direct Market Access and Sponsored Access;
"Direct Market Access"	an arrangement where a Member permits a Client to use its trading code so the Client can electronically transmit orders relating to a financial instrument (as such term is defined in Article 4(1)(15) of MiFID II) directly to the Exchange, in circumstances where the Client uses the infrastructure of the Member, or any connecting system provided by the Member, to transmit the orders;
"the Directors"	each person who is a director of the Company;
"Disciplinary Committee"	a committee appointed pursuant to Regulation 14.79 of the Membership Regulations;
"Disciplinary Notice"	has the meaning set out in Regulation 14.13 of the Membership Regulations;
"eCOA"	means either a Basic electronic COA or an Enhanced electronic COA;
"eCOA System"	means a technological system provided by the Exchange through which, amongst other things, details of Paper COAs may be entered, eCOAs may be created and eCOAs may be viewed;
"Electronic Pricing Commencement Determination"	has the meaning set out in Regulation 5.5 of the Trading Regulations;
"EMIR"	means Regulation (EU) No 648/2012 of the European Parliament and of the Council of 4 July 2012 on OTC derivatives, central counterparties and trade repositories, as from time to time amended;
"EMIR Level 2 (Indirect Clearing) Regulation"	means Commission Delegated Regulation (EU) No 149/2013 of 19 December 2012 supplementing the EMIR Level 1 Regulation with regard to regulatory technical standards on indirect clearing arrangements, the clearing obligation, the public register, access to a trading venue, non-financial counterparties, risk mitigation for OTC derivatives contracts not cleared by a CCP, as amended from time to time (including, for the avoidance of doubt, as amended by Commission Delegated Regulation (EU) 2017/2155 of 22 September 2017);
"Enforcement Committee"	shall comprise four members chosen from the Directors of the LME, appointed by the Exchange

	in consultation with the Chairman. The quorum for the Enforcement Committee shall be three members. The Enforcement Committee shall not be quorate unless there is at least one independent Director present;
"Enhanced eCOA"	means an electronic Certificate of Analysis, which is created within the eCOA System, and which meets the criteria for an Enhanced eCOA as specified by the Exchange from time to time;
"Equivalent Trade"	for the purpose of Regulation 2.5A.3 only, a single trade in the exact same instrument(s) or multiple trades in a combination of instruments with the same risk profile as the corresponding Agreed Trade to be executed in the inter-office market between a Member and a Client. An Equivalent Trade may have a different price to the Agreed Trade in the inter-office market which may include any commissions, charges or fees provided that these have been previously agreed with the Client;
"EU Withdrawal Date"	the later of: (a) the date from which the UK ceases to be a member of the European Union; and (b) the date of expiry of any transitional period under which European Union laws in respect of financial services cease to have direct effect in the UK;
"Event of Default"	any of the events set out in Regulation 1 of the Default Regulations;
"the Executive" or "Executive Committee" or "EXCOM"	is a sub-committee of the board of directors of the Company, to which the board may from time to time delegate certain powers and responsibilities as it sees fit;
"Expiry Day"	in relation to an LMEprecious Option, the Business Day on which the Contract shall automatically exercise or be abandoned, as specified in the LMEprecious Option Regulations;
"the Exchange"	according to context, the London Metal Exchange administered by the Company, or the premises where Ring trading is conducted;
"Exchange Position Limit"	the maximum permitted position in a Contract as set by the Exchange in accordance with the Rules as published from time to time;

"Exchange Traded Average Price Option"	a Traded Average Price Option where both Granter and Taker are Clearing Members;
"Execution"	the execution of an Agreed Trade, being the point at which the transaction represented by the Agreed Trade is concluded, resulting in the formation of one or more Contracts (and "Executed" shall be interpreted accordingly);
"Execution Time"	the time at which Execution occurs, as specified for each Execution Venue in Regulation 2.3, 2.4, 2.5 or 2.11.2 (as applicable) of the Trading Regulations (and such time being the "Acceptance Time" for the purposes of the Clearing House Rules);
"Execution Venue"	has the meaning set out in Regulation 2.2.2 of the Trading Regulations;
"Exemption"	an exemption permitting a person to hold positions in Critical Contracts and Related Contracts in excess of a Regulatory Position Limit and granted in accordance with the Rules as published from time to time;
"Exemption Ceiling" or "Ceiling"	the maximum permitted position in a Critical and Related Contract irrespective of whether those positions benefit from an Exemption;
"Exemption Holder"	a person holding a valid Exemption;
"Exercise Reference Price"	the price by reference to which an LMEprecious Option shall be exercised on its Expiry Day;
"Extracted Warrant"	has the meaning set out in Regulation 13.1 of the LMEsword Regulations;
"Fair Market Value"	in respect of an Agreed Trade, a price which is fair and reasonable for a trade of that kind and size at the relevant time in view of, but without limitation: (a) the size of the trade; (b) the circumstances of the market for the Contract or of the parties to the trade; and (c) the prices and sizes of other transactions in the same Contract Executed on one or more of the Execution Venues operated by the Exchange;
"FCA"	The Financial Conduct Authority;

"FCA Principles and Guidance Releases"	the FCA Principles as set out in the Principles for Business (PRIN) Sourcebook of the FCA Handbook (as may be updated or replaced from time to time) and any other guidance notes published by the FCA from time to time, including but not limited to Market Watch, guidance and supervisory findings;
"Fees"	any fees or charges payable by a Member to the Exchange under the Rules as set out on the LME website, as amended by the Exchange from time to time;
"Ferrous Future"	a Cash-Settled Future, the Cash-Settled Future Final Settlement Price for which is determined by reference to a ferrous metal-based index or indices or other reference-value, and which has the features specified in the relevant Special Contract Rules for Cash-Settled Futures - Ferrous;
"FIA"	the Futures Industry Association or any successor to its functions in representing the interests of the futures, options and derivatives markets;
"Financial OTC Booking Fee Policy"	means the policy of the Exchange specifying the basis on which Members and other persons shall be required to report to the Exchange certain transactions in financial instruments that are executed outside the facilities of the Exchange, and to pay to the Exchange Fees in respect of such transactions, subject to, and in accordance with, the requirements of such policy, as such policy may be updated by the Exchange from time to time in accordance with the requirements and processes set out therein;
"Firm Quote"	an order or quote that under these Rules can be matched against an opposite order or quote;
"Fixed Penalty"	a financial penalty, set out in a Notice, imposed by the Exchange on a Member, Dealer or Member Representative in relation to a Fixed Penalty Offence;
"Fixed Penalty Appeal"	an appeal lodged in accordance with Regulation 14.8 of the Membership Regulations in respect of an Exchange decision to impose a Fixed Penalty;
"Fixed Penalty Notice"	a letter sent by the Exchange to a Member, Dealer or Member Representative notifying the Member,

	Dealer or Member Representative of its intention to impose a Fixed Penalty;
"Fixed Penalty Notice of Appeal"	a letter sent by a Member, Dealer or Member Representative to the Head of Enforcement notifying the Head of Enforcement that it wishes to lodge a Fixed Penalty Appeal in accordance with Regulation 14.8 of the Membership Regulations;
"Fixed Penalty Offence"	an offence as specified by a Notice and as amended from time to time;
"Former Member"	has the meaning set out in Regulation 10.5 of the Membership Regulations;
"Front Month Lending Rules"	the rules set out in the Exchange's Policy Relating to Position Management Arrangements (including any clarification, revision or explanation of such lending rules issued by the Exchange from time to time, including any replacement policy) taken together with Regulation 18 of Trading Regulations;
"FSMA"	the Financial Services and Markets Act 2000, as from time to time amended;
"Futures Contract"	a Metal Future, Premium Contract, LMEmini Future, Index Future, Cash-Settled Future or LMEprecious Future;
"Global Legal Entity Identifier System"	the global system operated under the oversight of the LEI ROC to register legal entities and assign legal entity identifiers to such entities;
"Go Live Date"	has the meaning set out in Regulation 5.4 of the Membership Regulations;
"Gold"	Loco London Fine Gold held in London and complying with standards relating to good delivery and fineness acceptable to the Precious Metal Clearer of the Clearing House for the purpose of effecting settlement with the Clearing House, as such standards are in effect from time to time;
"Granter"	the seller under a Traded Option;
"Group"	in relation to any company, any company that is a "group undertaking" of that company, as defined in section 1161 of the Companies Act 2006;

"Head of Enforcement"	the Head of Enforcement and any other person within the Exchange for the time being appointed to perform the duties of the Head of Enforcement;
"Head of Market Surveillance"	the Head of Market Surveillance and any other person within the Market Surveillance division of the Exchange for the time being appointed to perform the duties of the Head of Market Surveillance;
"Honorary Member"	a Member who is granted honorary Membership of the Exchange by the Exchange;
"Immobilised Warrant"	has the meaning set out in Regulation 13.1 of the LMEsword Regulations;
"In The Money"	(a) in relation to a Metal Option, that the Strike Price is, in the case of a Put Option, above or, in the case of a Call Option, below the last published Settlement Price at the relevant time for the relevant metal and Prompt Date; or (b) in relation to a Traded Average Price Option, that the Strike Price is, in the case of an Average Price Put Option, above or, in the case of an Average Price Call Option, below the last published Moving Monthly Average Settlement Price or Monthly Average Settlement Price at the relevant time for the relevant metal and Prompt Date; or (c) in relation to an Index Option, that the Strike Price is, in the case of a Put Option, above or, in the case of a Call Option, below the Settlement Price or last published Closing Price at the relevant time for the relevant Index Option and Prompt Date; (d) in relation to an LMEprecious Option, that the Strike Price is, in the case of a Put Option, above or, in the case of a Call Option, below the Exercise Reference Price at the relevant time for the relevant LMEprecious Option and Expiry Day;
"Incentive Programme"	has the meaning set out in Regulation 22.2 of the Membership Regulations;

"Incentive Programme Benefits"	has the meaning set out in Regulation 22.3 of the Membership Regulations;
"Incentive Programme Requirements"	has the meaning set out in Regulation 22.3 of the Membership Regulations;
"Index"	an index denominated in US dollars the level of which is determined in accordance with the Special Contract Rules for the Construction of the Index;
"Index Contract"	an Index Future or an Index Option;
"Index Future"	a cash-settled Exchange-traded futures contract pursuant to which the buyer and seller agree to pay or receive in cash the difference between the level of the Index on the Prompt Date and the level agreed in the Contract, multiplied by the Contract size, settled on the Settlement Business Day next following the Prompt Date and subject to daily marking to market in accordance with the Clearing House Rules and conforming to the other specifications prescribed by the Exchange;
"Index Futures Closing Price"	the Closing Price of an Index Future as determined in accordance with Regulation 6 of the Trading Regulations;
"Index Option"	a cash-settled Exchange-traded option contract over the Index pursuant to which the Granter grants the Taker a right to receive in cash from the Granter the difference between the level of the Index on the Prompt Date and the Strike Price, multiplied by the Contract size, settled on the Settlement Business Day next following the Prompt Date and conforming to the other specifications prescribed by the Exchange;
"Index Options Regulations"	the Regulations set out in Part 5C of the Rules;
"Indirect Clearing Arrangement"	means an "indirect clearing arrangement" within the meaning of the Indirect Clearing Regulations;
"Indirect Clearing Regulations"	means the EMIR Level 2 (Indirect Clearing) Regulation or the MiFID II Level 2 (Indirect Clearing) Regulation, as applicable, and any successor legislation amending or incorporating the requirements thereto in any relevant jurisdiction from time to time;
"Indirect Client"	means an indirect Client of a Clearing Member, being a Client of a Category 4 Member, where such

	Category 4 Member is a Client of the Clearing Member;
"Indirect Client Account"	means a segregated account maintained by a Clearing Member in respect of the Client business of a single Category 4 Member, such that it records positions only in respect of Client-Related Cleared Contracts that have been created pursuant to the registration of Client Contracts relating to one or more Clients of that Category 4 Member (such Clients being Indirect Clients of the Clearing Member);
"Initial Margin"	(a) in relation to a Cleared Contract, the sum of money fixed by the Clearing House in consultation with the Exchange and in respect of which Members may be required to provide to the Clearing House cover in accordance with the Clearing House Rules; (b) in relation to a Client Contract, such sum as may be agreed between the parties provided that such sum is equal to or greater than the amount in (a) above;
"Intellectual Property Rights"	patents, trade marks, rights in logos, get-up, trade names, internet domain names, rights in designs, copyright (including rights in computer software) and moral rights, database rights, rights of confidentiality, semi-conductor topography rights, utility models, trade secrets, inventions, rights in know-how and other intellectual property or proprietary rights, in each case whether registered or unregistered and including applications for registration, and all rights or forms of protection having equivalent or similar effect to the foregoing which may now or in the future subsist in, apply to or are enforceable in, any jurisdiction in the world;
"Investigation"	an investigation undertaken by the Exchange pursuant to Regulation 13 of the Membership Regulations;
"Invoicing Back"	the procedure so described in the Clearing House Rules;
"Jurisdictions Notice"	the Notice issued by the Exchange setting out the jurisdictions from which Members may access the Exchange's facilities, and any conditions to be

complied with by Members wishing to access the Exchange from such jurisdictions;

"Last Declaration Day"

- (a) in relation to a Metal Option for a particular month, the first Wednesday in that month or, if that is not a Business Day, the next day which is a Business Day;
- (b) in relation to an Index Option for a particular month, up to 16.35 hours on the second Wednesday in that month or, if that is not a Business Day, the next day which is a Business Day;

"Last Trading Day"

- (a) in relation to a Metal Option, the Business Day preceding the Last Declaration Day for that Option;
- (b) in relation to a Traded Average Price Option, the Business Day preceding the Declaration Day of the relevant month for that Traded Average Price Option;
- (c) in relation to an Index Option, the Last Declaration Day for that Index Option;
- (d) in relation to an LMEmini Future, the Business Day which is two Business Days before the Prompt Date;
- (e) in relation to a Monthly Average Future, the last Business Day of the relevant tradeable month;
- (f) in relation to a Cash-Settled Future, the day specified as the relevant "Last Trading Day" in the Special Contract Rules for Cash-Settled Futures;
- (g) in relation to a Premium Contract, the Business Day which is two Business Days before the Prompt Date; or
- (h) in relation to an LMEprecious Future, the Business Day which is one Business Day before the Prompt Date;
- (i) in relation to an LMEprecious Option, the Business Day which is one Business Day before the Expiry Day;

"LEI ROC"	the Legal Entity Identifier Regulatory Oversight Committee;
"Lending Rules"	include the Tom-Next Lending Rules and the Front Month Lending Rules as set out in the Exchange's Policy Relating to Position Management Arrangements (including any clarification, revision or explanation of such lending rules issued by the Exchange from time to time, including any replacement policy) taken together with Regulation 18 of the Trading Regulations;
"LME Base Contract"	a Contract that is not an LMEprecious Contract;
"LME Base Member"	a Category 1 Member, Category 2 Member, Category 3 Member, Category 4 Member or Category 5 Member;
"LME Base Service"	the availability of the facilities of the Exchange for the trading of LME Base Contracts;
"LME Data"	all data relating to trading on the Exchange, including, without limitation: (a) the LME-determined prices and data relating to LME-determined prices, other than any prices determined by the Clearing House or by the LME as delegate of the Clearing House; and (b) data relating to Contracts, Default Settlement Amounts, Indexes, Warrants and Weightings;
"LME Data Services"	the LME Select API and LMEsource;
"LME Holdings"	LME Holdings Limited, a company registered in England and Wales under company number 4081219, being the sole member of the Company;
"LME Information"	means any information or data (including LME Data) made available by the Exchange to Members, Member Data Services Clients and/or Member Data Services Sub-Clients via the LME Data Services from the Exchange's systems;
"LME Liquid Instrument"	the Contract and Prompt Date subject to a Minimum Volume Threshold as determined by the Exchange from time to time;

"LMEmini Contract"	an LMEmini Future;
"LMEmini Future"	a cash-settled Exchange-traded futures contract pursuant to which the buyer and seller agree to pay or to receive in cash the difference between the Settlement Price of the underlying metal on the Prompt Date and the price of the underlying metal agreed in the Contract, multiplied by the Contract size, settled on the Prompt Date and subject to daily marking to market in accordance with the Clearing House Rules and conforming to the other specifications prescribed by the Exchange;
"LMEmini Futures Closing Price"	the Closing Price of the relevant underlying Metal Future as determined in accordance with Regulation 6 of the Trading Regulations;
"LMEmini Last Trading Time"	the last trading time on the Last Trading Day for LMEmini Contracts as specified in the Special Contract Rules for LMEmini Contracts or as otherwise prescribed by the Exchange from time to time;
"LMEprecious Clearing Member"	an LMEprecious General Clearing Member or an LMEprecious Individual Clearing Member;
"LMEprecious Contract"	a Contract that is: (a) an LMEprecious Future; or (b) an LMEprecious Option, and any other type of Exchange-traded derivative contract having Precious Metal as its underlying instrument, that the Exchange may specify from time to time;
"LMEprecious Daily Settlement Price"	the price determined for margining and daily settlement purposes of an LMEprecious Future as determined in accordance with Regulation 5.7 of the Trading Regulations;
"LMEprecious Final Settlement Price"	the price determined for final settlement purposes of an LMEprecious Future as determined in accordance with Regulation 5.7 of the Trading Regulations;
"LMEprecious Future"	a physically settling Exchange-traded futures contract pursuant to which the seller agrees to sell to the buyer one or more Lots of Precious Metal for delivery on a specified Prompt Date, and

	conforming with the other specifications prescribed by the Exchange;
"LMEprecious Future Regulations"	the regulations set out in Part 13A of the Rules;
"LMEprecious General Clearing Member"	a Member that is: (a) a member of the Clearing House; (b) authorised by the Exchange to clear Cleared LMEprecious Contracts; (c) authorised by the Exchange to issue Client LMEprecious Contracts; and (d) granted LMEprecious Membership, with the categorisation as an LMEprecious General Clearing Member;
"LMEprecious Individual Clearing Member"	a Member that is: (a) a member of the Clearing House; (b) authorised by the Exchange to clear Cleared LMEprecious Contracts; (c) not authorised by the Exchange to issue Client LMEprecious Contracts; and (d) granted LMEprecious Membership, with the categorisation as an LMEprecious Individual Clearing Member;
"LMEprecious Member"	an LMEprecious General Clearing Member, LMEprecious Individual Clearing Member or LMEprecious Non-Clearing Member;
"LMEprecious Non-Clearing Member"	a Member that is: (a) not authorised by the Exchange to clear Cleared LMEprecious Contracts; (b) authorised by the Exchange to issue Client LMEprecious Contracts; and (c) granted LMEprecious Membership, with the categorisation as an LMEprecious Non-Clearing Member;
"LMEprecious Option"	an Exchange-traded, European-style option contract pursuant to which the Granter grants to the Taker the right to buy from or sell to the Granter a

	Lot of a Precious Metal at a specified Strike Price in a specified month;
"LMEprecious Option Regulations"	the regulations set out in Part 13B of the Rules;
"LMEprecious Regulations"	the regulations set out in Part 13 of the Rules, and comprising the LMEprecious Future Regulations and the LMEprecious Option Regulations;
"LMEprecious Service"	the availability of the facilities of the Exchange for the trading of LMEprecious Contracts;
"LME Select"	a system provided by the Exchange to enable the anonymous electronic trading of Contracts by LME Select Participants in accordance with the Rules and any Administrative Procedures issued by the Exchange from time to time;
"LME Select API"	a FIX or binary protocol application approved by the Exchange which enables LME Select Participants and their Clients to connect to LME Select for the purpose of facilitating the electronic trading of Contracts;
"LME Select Participant"	a Trading Member who is permitted to use LME Select;
"LME Select Offences"	a breach by an LME Select Participant(s) of the provisions of Regulation 12 of the Trading Regulations;
"LMEsword"	the system for, inter alia, the electronic transfer of Warrants governed and constituted by the LMEsword Regulations;
"LMEsword Regulations"	the regulations governing the operation of LMEsword issued by the Exchange as amended from time to time in accordance with the terms thereof and forming Part 10 of the Rules;
"Lot"	(a) in relation to a metal (that is not covered by another type of Contract specified below), the standard unit of quantity thereof, specified in the Special Contract Rules for that metal, by reference to which settlement is to be made; or (b) in relation to the Index, the standard value per point movement for that Index, specified in the Special Contract Rules for the Construction of the Index, by reference to which settlement is made; or

- (c) in relation to an LMEmini Contract, the standard unit of quantity thereof, specified in the Special Contract Rules for LMEmini Contracts, by reference to which settlement is made; or
- (d) in relation to a Monthly Average Future, the standard unit of quantity thereof, specified in the Monthly Average Future Regulations, by reference to which settlement is made; or
- (e) in relation to a Cash-Settled Future, the standard unit of quantity thereof, specified in respect of the specific Cash-Settled Future in the relevant Special Contract Rules for Cash-Settled Futures, by reference to which settlement is made;
- (f) in relation to a Premium Contract, the standard unit of quantity thereof, specified in the Premium Contract Regulations, by reference to which settlement is made; or
- (g) in relation to an LMEprecious Future, the standard unit of quantity of Precious Metal specified in the LMEprecious Regulations, by reference to which settlement is to be made;

"LPMCL"

London Precious Metals Clearing Limited, a company registered in England and Wales under company number 04195299;

"Major Currency"

in respect of a metal, the currency in which the Settlement Price and Closing Price are to be determined;

"Market Making Strategy"

a strategy performed by a Member or Client, when Dealing On Own Account, that involves posting Firm Quotes that are simultaneous two-way quotes of comparable size and at competitive prices relating to one or more Contracts, with the result of providing liquidity on a regular and frequent basis to the overall market;

"Matching Period"

a period prescribed pursuant to Regulation 3.4 of the Trading Regulations;

"Matching Rules"	means the LME's matching rules governing the use of the Matching System as published by the LME, by Notice from time to time;
"Matching System"	the system operated by or on behalf of the Exchange for the matching and confirmation of Contracts, or such other system as may from time to time be adopted by the Exchange for such purposes;
"Matching System RIB Screens"	means the RIB-specific sub-screens of the Matching System, which are accessible to: (a) Members, for the purposes of RIB permissioning and management of RIB-arranged trades; and (b) RIBs, for the purposes of inputting the details of Agreed Trades into the Matching System;
"Member"	an Undertaking or individual admitted to Membership of the Exchange in accordance with the Rules;
"Membership"	(a) the state of being a Member; (b) having the status of a Member; and/or (c) the total body of Members, as the context of the Rules requires.
"Membership Regulations"	the Regulations set out in Part 2 of the Rules;
"Member Representative"	means any person other than a Dealer on Exchange premises working for or on behalf of a Ring Dealing Member;
"Metal Contract"	a Metal Future or Metal Option;
"Metal Future"	an Exchange-traded futures contract pursuant to which the seller agrees to sell to the buyer one or more Lots of metal for delivery on a specified Prompt Date (excluding any Cash-Settled Future, Premium Contract or LMEprecious Contract);
"Metal Option"	an Exchange-traded option contract pursuant to which the Granter grants to the Taker the right to buy from or sell to the Granter a Lot of a specified metal at a specified Strike Price in a specified month (excluding any LMEprecious Option);

"Metal Options Regulations"	the Regulations set out in Part 5A of the Rules;
"MiFID II"	the package of legislative measures comprising: (a) Directive 2014/65/EU of the European Parliament and of the Council of 15 May 2014 on markets in financial instruments; (b) Regulation (EU) No 600/2014 of the European Parliament and of the Council of 15 May 2014 on markets in financial instruments and amending EMIR; and (c) any delegated regulations made by the European Commission thereunder including, without limitation, the MiFID II (Indirect Clearing) Regulation, and the MiFID II Algorithmic Trading RTS, as from time to time amended;
"MiFID II Algorithmic Trading RTS"	Commission Delegated Regulation (EU) 2017/589 of 19 July 2016 supplementing Directive 2014/65/EU of the European Parliament and of the Council with regard to regulatory technical standards specifying the organisational requirements of investment firms engaged in algorithmic trading;
"MiFID II (Indirect Clearing) Regulation"	Commission Delegated Regulation (EU) 2017/2154 of 22 September 2017 supplementing Regulation (EU) No 600/2014 of the European Parliament and of the Council with regard to regulatory technical standards on indirect clearing arrangements;
"MiFIR"	Regulation (EU) No 600/2014 of the European Parliament and of the Council of 15 May 2014 on markets in financial instruments and amending EMIR;
"Minimum Volume Threshold", "MVT" or "Threshold"	the minimum number of lots in respect of a Contract that can be submitted as an Agreed Trade for Execution in the inter-office market, as determined by the Exchange and published by Notice or otherwise from time to time;
"Minor Offences"	has the meaning set out in Regulation 11.2.3 of the Trading Regulations;
"Monthly Average Future"	a cash-settled Exchange-traded contract pursuant to which the buyer and seller agree to pay or to receive in cash the difference between (i) the

	Monthly Average Settlement Price for a specified metal and for a specified tradeable month and (ii) the fixed price agreed between the buyer and the seller in the Contract, multiplied by the Contract size, settled on the Prompt Date and subject to daily marking to market in accordance with the Clearing House Rules and conforming to the other specifications prescribed by the Exchange;
"Monthly Average Future Closing Price"	the Notional Average Price for the relevant month of calculation;
"Monthly Average Future Regulations"	the Regulations set out in Part 11 of the Rules;
"Monthly Average Settlement Price"	(a) in relation to an Average Price Call Option, the price at which the Taker will sell to the Granter if the Traded Average Price Option is declared; (b) in relation to an Average Price Put Option, the price at which the Taker will buy from the Granter if the Traded Average Price Option is declared; (c) in relation to a Monthly Average Future for a particular tradeable month, the aggregate of the Settlement Prices for the relevant metal for every Business Day in the relevant tradeable month divided by the number of Business Days for that month and which is calculated and published by the Exchange; and (d) in relation to a Traded Average Price Option for a particular month, the aggregate of the Settlement Prices for the relevant metal for every Business Day in the relevant tradeable month divided by the number of Business Days for that month and which is calculated and published by the Exchange, in each case as determined in accordance with the applicable Pricing Methodology.
"Moving Monthly Average Settlement Price"	in relation to a Traded Average Price Option or a Monthly Average Future for a particular month, the aggregate of the Settlement Prices for the relevant metal for every Business Day to date in the relevant tradeable month divided by the number of Business Days to date for that month

	and which is calculated and published by the Exchange;
"New Contract"	has the meaning set out in Regulation 15.1 of the Contract Regulations;
"Non-Benchmark Reference Price"	a reference price provided by the Exchange and which is not a Benchmark;
"Non-Clearing Member"	(a) a Category 4 Member; or (b) an LMEprecious Non-Clearing Member, as the context of the Rules requires;
"Non-Ferrous Future"	a Cash-Settled Future, the Cash-Settled Future Final Settlement Price for which is determined by reference to non-ferrous metal-based index (or indices, as applicable) or other reference-value, and which has the features specified in the relevant Special Contract Rules for Cash-Settled Futures - Non-Ferrous;
"Non-LME Multi Dealer Trading System"	means: (a) an exchange or other trading venue which is not operated by the Exchange or its Affiliates; or (b) any other system, granting access to more than one trading party, to facilitate the arrangement and/or execution of bilateral contracts between such parties, outside the trading venue or systems operated by the Exchange or its Affiliates, but shall not include a Single Dealer to Client Platform;
"Non-LME Platform Contract"	means any contract or product that is traded on, executed on, or otherwise arranged or agreed via a Non-LME Multi Dealer Trading System;
"Non-Material Amendment"	has the meaning set out in Regulation 15.1 of the Contract Regulations;
"Notice of Appeal"	a document prepared by either (i) a Member, Dealer or Member Representative, or (ii) the Exchange, and served on the Chairman of the Appeal Panel and the other party in relation to an appeal of a Disciplinary Committee's decision and which meets the requirements set out in

	Regulations 14.39 to 14.41 of the Membership Regulations;
"Notice to Arbitrate"	a notice served by the Claimant pursuant to Regulation 2.1 of Part 8 of the Rules;
"Notional Average Price"	in relation to each metal for a particular month, the price as calculated using Settlement Prices and Closing Prices as appropriate, in accordance with the applicable Pricing Methodology, representing the rolling mean average daily price of one lot of the relevant metal for that month;
"Offence" or "Offences"	has the meaning set out in Regulation 11.2.3 of the Trading Regulations;
"Official Prices"	the prices determined in accordance with Regulation 5 of the Trading Regulations;
"Opening Hours"	means the hours on each Business Day during which the Matching System is open and able to receive information regarding Agreed Trades, as specified by the Exchange by Administrative Procedures from time to time;
"Operating Procedures"	the manual issued by the Exchange pursuant to the LMEsword Regulations setting out detailed procedures and information relating to the operation of LMEsword;
"Option Contract"	a Metal Option or an Index Option or an LMEprecious Option;
"Order-routing Eligibility Requirement"	means the requirement under MiFID II for a member or a participant in a trading venue to only be permitted to provide direct electronic access to the venue if the member or participant is one of the following: (a) an investment firm, as defined under the RAO, which has permission under Part 4A of FSMA to carry on a regulated activity being any of the investment services or activities defined under s417 of FSMA; (b) a qualifying credit institution that has permission under Part 4A of FSMA to carry on the regulated activity of accepting deposits, as specified in the RAO; (c) a person who falls within regulation 30(1A) of the Financial Services and Markets Act 2000 (Markets in Financial

Instruments) Regulations 2017 (or any successor regulation to it) and has permission under Part 4A of FSMA to carry on a regulated activity being any of the investment services or activities defined under s147 of FSMA;

- (d) a firm providing Direct Electronic Access subject to the exclusion in regulation 11(1) of The Financial Services and Markets Act 2000 (Markets in Financial Instruments) Regulations 2017 (or any successor regulation to it);
- (e) a firm where the provision of the Direct Electronic Access by that firm is subject to the exclusion in article 72 of the RAO; or
- (f) a firm which does not come within paragraph (d) or (e) but is otherwise permitted to provide Direct Electronic Access under FSMA;

"Overseas Undertaking"

an undertaking which is a body corporate incorporated outside of the United Kingdom or if not itself a body corporate, its principal or managing member is a body corporate incorporated outside of the United Kingdom;

"Panel"

the Arbitration Panel of the Company;

"Panel Committee"

a committee appointed by the Exchange to oversee the conduct of arbitrations pursuant to the Arbitration Regulations, and in particular to perform the functions and powers referred to in the Arbitration Regulations;

"Paper COA"

a hard copy Certificate of Analysis, which may be a bulk analysis certificate, and which must be produced by either:

- (a) the producer of the underlying metal; or
- (b) an LME Listed Sampler and Assayer (an "LSA") who will sample and analyse material in accordance with Exchange-specified instructions to LSAs;

"Parent Undertaking"

the same meaning as set out in section 1162 of the Companies Act 2006;

"Position Netting"

means the netting of multiple Contracts between the same two parties to a smaller number of

Part 6

SPECIAL CONTRACT RULES FOR METALS

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SPECIAL CONTRACT RULES FOR ALUMINIUM ALLOY

1. QUALITY

The aluminium alloy delivered under this contract must be:

- (a) Aluminium alloy conforming to one of the specifications listed below:
- (1) **A380.1** produced in conformity with The Aluminum Association Inc. specification (2015);
 - (2) **226** produced in conformity with LME 226 as described below:

Elements	Composition, % (m/m)
Cu	2.0 – 3.5
Si	8.0 – 11.0
Mg	0.1 – 0.5
Zn	1.2 max
Fe	1.0 max
Mn	0.1 – 0.4
Ni	0.3 max
Sn	0.1 max
Ti	0.15 max
Pb	0.2 max
Others	0.05 max each
Al	Remainder
The sum of 'others' 0.15% max	

- (3) **AD12.1** produced in conformity with JIS H2118-2006, Class 12: (Note: this specification to be read in conjunction with the provision that there be an allowance as follows: Others, total 0.50% max, Al remainder).
- (b) In the shape of ingot, small sows (four way entry sows), large sows (low profile sows) and T-bars.
- (c) Of brands listed in the LME-approved list of aluminium alloy brands.

2. SIZE OF LOT

20 tonnes (2% either more or less).

3. WARRANTIES

- 3.1 Warrants shall be for 20 tonnes each (2% either more or less).
- 3.2 The aluminium alloy in each Warrant shall consist of one brand which is listed as being good delivery and of one shape and dimension.
- 3.3 Each lot shall contain aluminium alloy derived from no more than five production batches, and, in the case of ingots, each bundle shall contain aluminium alloy from only one production batch.
- 3.4 Each Warrant shall state:
 - (a) the name of the brand;
 - (b) the country / region of origin;
 - (c) the shape;
 - (d) the date(s) and reference number(s) of the certificate(s) of analysis lodged with the Warehouse;
 - (e) the weight;
 - (f) the number of bundles of ingots, small sows, large sows or T-bars making up each lot;
 - (g) each Warrant must bear the following clause;

WARNING: the buyer is advised that this metal may contain crevices and hidden recesses holding entrapped moisture. The metal should be handled and processed with this possibility in mind. Entrapped moisture may cause an explosion if the metal is introduced into a melting furnace without proper drying.

4. **CERTIFICATES OF ANALYSIS**

Requirement for eCOA to place metal on Warrant

- 4.1 Each delivery of a Lot of aluminium alloy to a Warehouse for placing on Warrant must be accompanied by an eCOA in order for the Warehouse to be able to place such metal on Warrant.
- 4.2 Where the aluminium alloy comprising the relevant Lot was produced on or after a date to be specified by the Exchange by way of Notice, in order for such Lot to be warrantable, the Lot of aluminium alloy must be accompanied by an Enhanced eCOA and a completed LME Carbon Adjustment Mechanism (“CBAM”) emissions reporting form, as specified by the Exchange by way of Notice. The Exchange may update the CBAM emissions reporting form from time to time by way of Notice.
- 4.3 With effect from the date specified by way of Notice pursuant to Special Contract Rule 4.2 above, where a Warehouse is unable to identify the production date of a Lot of aluminium alloy and the relevant Lot is not accompanied by an eCOA, the Warehouse is permitted to produce a Basic eCOA pursuant to the terms of any agreements between the Exchange and the relevant Warehouse. In such circumstances, the Warehouse may place such Lot on Warrant following the creation of such Basic eCOA.

Voluntary creation of an eCOA (metal produced before the date specified by way of Notice pursuant to Special Contract Rule 4.2 above):

- 4.4 For metal produced before the date specified by way of Notice pursuant to Special Contract Rule 4.2 above and where an Enhanced eCOA has not been created in respect of the underlying metal by its producer, a Basic eCOA may be produced by one of the following:
- (a) Members, pursuant to Special Contract Rule 4.7 below;
 - (b) Warehouses, pursuant to the terms of any agreements between the Exchange and the relevant Warehouse (including but not limited to the Warehouse Agreement);
 - (c) the producer of the underlying metal; or
 - (d) any other categories of persons or entities as the Exchange may specify from time to time.

For these purposes, each of the above shall be able to upload Paper COAs into the eCOA System for the purposes of producing the Basic eCOA.

Requirements for Production of an eCOA:

- 4.5 In order to be a valid eCOA, any eCOA that is produced in respect of aluminium alloy must demonstrate compliance with one of the relevant standards and grades listed in Special Contract Rule 1(a) (1), (2) or (3) by illustrating the detected level of impurity for each element. In all cases, it must be possible to cross-reference the production cast reference on the metal to identical numbers on the eCOA.
- 4.6 An Enhanced eCOA for a Lot of aluminium alloy may only be created by the producer of the metal. Any eCOA created by a producer of metal which is produced on or after the date specified by way of Notice pursuant to Special Contract Rule 4.2 above must be an Enhanced eCOA.
- 4.7 Where a Member (or any other person) elects to produce a Basic eCOA, it must:
- (a) upload the complete and correct Paper COA relating to the underlying metal;
 - (b) enter the correct information into the eCOA System as requested by the eCOA System for the purposes of creating the Basic eCOA and as specified by the Exchange from time to time; and
 - (c) use all reasonable skill, care and attention when using the eCOA System.

5. ADDITIONAL REQUIREMENTS FOR ALUMINIUM ALLOY WARRANTS

- 5.1 The listed brand name must be indelibly marked on each ingot, sow and T-bar.
- 5.2 The production cast reference and alloy grade reference must be indelibly marked on each ingot within the bundle or on the top surface of the bundle or on a durable bundle label and on each sow and T-bar.
- 5.3 If a Warrant relates to metal, in respect of which an eCOA has not been produced, the Warehouse is obliged to submit to the identified holder of any Warrant the Certificate(s) of Analysis or copies thereof, on request.

- 5.4 All ingots and sows shall be produced by a single pouring process. "Multi-pour" or "capping" the surface with additional metal after the ingot or sow is formed is not permitted.
- 5.5 All ingots, T-bars and sows delivered under the contract shall be flat in order to permit safe stacking and handling using forklifts.
- 5.6 Metal surfaces shall be smooth and free of open shrinkage, porosity, layers and seams.
- 5.7 The metal must be free of the visible presence of foreign substances.
- 5.8 The edges and surfaces of metal shall be free of sharp edges, spurs and flashings that might present safety hazards in handling.
- 5.9 All documentation for placing aluminium alloy on Warrant must include the English language.
- 5.10 Straps replaced by a Warehouse must be of corrosion resistant material and in compliance with LME strapping standards.

6. **SHAPES, WEIGHTS AND DIMENSIONS**

(a) Ingots

Ingots shall weigh not less than 4 kilos and not more than 25 kilos. Each ingot in each bundle and lot shall be of the same weight and dimensions but not exceed 800mm in length; the only exception to be the cast feet for the purpose of bundle stability.

Bundles shall weigh not less than 500 kilos and not more than 1000 kilos of equal weight and dimension in each lot suitable for stacking. One makeweight bundle in any one lot is permissible. Bundles must be securely strapped for safe handling and transport without bundle distortion and breakage.

(b) Small sows (four-way entry sows)

Small sows shall weigh not less than 408 kilos and not more than 590 kilos. Each small sow in each lot shall be of the same weight and dimensions.

Dimensions shall be within the permitted range detailed as follows:

Top	Length and width shall be the same, between 837mm - 990mm.
Bottom	Length and width shall be the same, between 406mm - 559mm.
Height	Between 304mm – 432mm.
Shape	The tapering of all four sides should include an indentation to allow for the safe and easy handling by forklift trucks.

(c) Large sows (low profile sows)

Large sows shall weigh not less than 300 kilos and not more than 726 kilos. Each large sow in each lot shall be of the same weight and dimensions.

Dimensions shall be within the permitted range detailed as follows:

Top	Length shall be between 1015mm – 1320mm.
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	Width shall be between 812mm – 1142mm.
Bottom	Length shall be between 900mm – 1320mm.
	Width shall be between 406mm – 520mm.
Height	Between 200mm – 305mm.
Shape	The tapering of the long sides should include an indentation to allow for the safe and easy handling by forklift trucks.

(d) T-bars

T-bars shall weigh not less than 408 kilos and not more than 726 kilos. Each T-bar in each lot shall be of the same weight and dimensions.

Top	Length shall be between 837mm – 1320mm.
	Width shall be between 760mm – 1015mm.
Bottom	Length shall be between 837mm – 1320mm.
	Width shall be between 406mm – 634mm.
Height	Overall between 254mm – 432mm.
	To shoulder minimum 76mm.
Shape	The indentation of the shoulder on the long sides should be a minimum of 101mm (4 inches) on each side and allow for the safe and easy handling by forklift trucks.

7. **MAJOR CURRENCY**

US dollars

8. **TESTING OF WARRANTED METAL**

If the Exchange believes that the conditions at (a) and (b) below are satisfied, the Exchange may instruct an LSA to undertake such tests as are necessary to form a reasonable opinion on whether or not metal on Warrant conforms with these rules. Where the Exchange reasonably believes that the situation requires it, those tests may be conducted without the prior consent of the Warrant holder. The tests will be at the LME's cost.

The conditions referred to above are:

- (a) There are reasonable grounds to suspect that metal on Warrant does not comply with these rules.
- (b) There is a risk of disruption to the LME's market.

SPECIAL CONTRACT RULES FOR COPPER - GRADE A

1. QUALITY

The copper delivered under this contract must be:

- (a) Refined electrolytic copper conforming to the chemical composition of one of the following Standards:
 - (i) BS EN 1978:2022 (cathode grade designation Cu-CATH-1).
 - (ii) GB/T 467-2010 (high purity Copper Cathode (Cu-CATH-1)).
 - (iii) ASTM B115-10 (2021) (cathode Grade 1).
- (b) In the shape of full plate cathodes;
- (c) Of brands listed in the LME approved list.

2. SIZE OF LOT

25 tonnes (2% either more or less).

3. WARRANTS

- 3.1 Warrants must be for 25 tonnes (2% either more or less).
- 3.2 The copper in each Warrant shall consist of one brand which is listed as being good delivery and must be in bundles not exceeding 4.0 tonnes securely strapped for safe handling and transport without bundle distortion and breakage.
- 3.3 Each Warrant must state:
 - (a) the name of the brand;
 - (b) the country of origin;
 - (c) the shape;
 - (d) the weight;
 - (e) the number of bundles making up each lot.

4. CERTIFICATES OF ANALYSIS

Requirement for eCOA to place metal on Warrant

- 4.1 Each delivery of a Lot of copper to a Warehouse for placing on Warrant from on or after a date to be specified by the Exchange by way of Notice must be accompanied by an eCOA in order for the Warehouse to be able to place such metal on Warrant.
- 4.2 Where the copper comprising the relevant Lot was produced on or after a date to be specified by the Exchange by way of Notice, in order for such Lot to be warrantable, the Lot of copper must be accompanied by an Enhanced eCOA.

- 4.3 For on Warrant or other copper produced before a date to be specified by the Exchange by way of Notice pursuant to Special Contract Rule 4.1 above, and where the relevant Lot is not accompanied by an eCOA but a Paper COA is available (noting that while this has not been a requirement for the LME, many producers create COAs for copper), the Warehouse is permitted to produce a Basic eCOA pursuant to the terms of any agreements between the Exchange and the relevant Warehouse. In such circumstances, the Warehouse may place such Lot on Warrant following the creation of such Basic eCOA.

Voluntary creation of an eCOA (metal warranted before the date specified by way of Notice pursuant to Special Contract Rule 4.1 above)

- 4.4 For metal warranted before the date specified by way of Notice pursuant to Special Contract Rule 4.1 above, a Basic eCOA may be produced by one of the following:
- (a) Members, pursuant to Special Contract Rule 4.7 below;
 - (b) Warehouses, pursuant to the terms of any agreements between the Exchange and the relevant Warehouse (including but not limited to the Warehouse Agreement);
 - (c) the producer of the underlying metal (who may also choose to produce an Enhanced eCOA); or
 - (d) any other categories of persons or entities as the Exchange may specify from time to time.

For these purposes, each of the above shall be able to upload Paper COAs into the eCOA System for the purposes of producing the Basic eCOA.

Requirements for Production of an eCOA

- 4.5 In order to be a valid eCOA, any eCOA that is produced in respect of copper must demonstrate compliance with one of the relevant standards listed in Special Contract Rule 1(a)(i), (ii) or (iii) by illustrating the detected level of impurity for each element. In all cases, it must be possible to cross-reference the production cast reference on the metal to identical numbers on the eCOA.
- 4.6 An Enhanced eCOA for a Lot of copper may only be created by the producer of the metal. Any eCOA created by a producer of metal which is produced on or after the date specified by way of Notice pursuant to Special Contract Rule 4.2 above must be an Enhanced eCOA.
- 4.7 Where a Member (or any other person) elects to produce a Basic eCOA, it must:
- (a) upload the complete and correct Paper COA relating to the underlying metal;
 - (b) enter the correct information into the eCOA System as requested by the eCOA System for the purposes of creating the Basic eCOA and as specified by the Exchange from time to time; and
 - (c) use all reasonable skill, care and attention when using the eCOA System.

5. ADDITIONAL REQUIREMENTS FOR COPPER WARRANTS

- 5.1 The LME listed brand name must be indelibly marked on clips attached to the producer's bundle strapping or marked continuously on the strapping.

- 5.2 For any copper produced on or after a date to be specified by the Exchange by way of Notice, the production cast reference must be indelibly marked on the top cathode of each bundle. For copper produced before the date specified in the Notice, the Exchange will allow a transition period of two years from the date specified in the Notice during which copper can be placed on Warrant without the top cathode of each bundle being indelibly marked, as long as the copper is accompanied by an eCOA pursuant to Special Contract Rule 4.1 above.
- 5.3 All documentation for placing copper on Warrant must include the English language.
- 5.4 No opening of producer bundles with producer markings is permitted by a Warehouse upon receipt except as follows:
- (a) Where packaging is damaged such that it may cause a hazard in subsequent handling and storage in which case the Warehouse must repack and label if necessary in accordance with (b) and (c) below;
 - (b) Where to create a Warrant lot it is necessary to break one or more bundles provided that with such adjustment at least 80% of the bundles in the Warrant have the original producer's clips or straps showing the brand name. The Warehouse must indelibly mark the top cathode of the remaining bundles in the Warrant with the brand name and production cast reference;
 - (c) Straps replaced by a Warehouse must be of corrosion resistant materials and in compliance with LME strap standards.

6. **MAJOR CURRENCY**

US dollars.

7. **TESTING OF WARRANTED METAL**

If the Exchange believes that the conditions at (a) and (b) below are satisfied, the Exchange may instruct an LME Listed Sampler and Assayer (LSA) to undertake such tests as are necessary to form a reasonable opinion on whether or not metal on Warrant conforms with these rules. Where the Exchange reasonably believes that the situation requires it, those tests may be conducted without the prior consent of the Warrant holder. The LME will bear the costs of such tests.

The conditions referred to above are that:-

- (a) there are reasonable grounds to suspect that copper on Warrant does not comply with these rules;
- (b) there is a risk of disruption to the LME's market.

SPECIAL CONTRACT RULES FOR LEAD

1. QUALITY

The lead delivered under this contract must be:

- (a) Refined lead of a minimum 99.970% purity conforming to one of the following Standards and specific grades:
 - (i) BS EN 12659:1999 Standard entitled "Lead and Lead Alloys – Lead". Permitted grades: Material Numbers PB970R, PB985R and PB990R.
 - (ii) GB/T 469/2013 Standard entitled "Lead Ingots". Permitted Grades: 99.970%, 99.985%, 99.990% and 99.994%.
 - (iii) ASTM B29-19 Standard entitled "Standard Specification for Refined Lead". Permitted grades: 99.97% and 99.995%.
- (b) In the shape of ingots weighing not more than 55kgs.
- (c) Of brands listed in the LME approved list.

2. SIZE OF LOT

25 tonnes (2% either more or less).

3. WARRANTS

3.1 Warrants shall be for 25 tonnes (2% either more or less).

3.2 The lead in each Warrant shall consist of one brand which is listed as being good delivery, and of one shape and dimension, subject to the necessity of including different shapes and dimensions at the bottom of each bundle for the purpose of stability and must be in bundles not exceeding 1.5 tonnes securely strapped for safe handling and transport without bundle distortion and breakage.

3.3 Each Warrant shall state:

- (a) the name of the brand;
- (b) the country / region of origin;
- (c) the shape;
- (d) the date(s) and reference number(s) of the certificate(s) of analysis lodged with the Warehouse;
- (e) the weight;
- (f) the number of bundles making up each lot.

4. **CERTIFICATES OF ANALYSIS**

Requirement for eCOA to place metal on Warrant

- 4.1 Each delivery of a Lot of lead to a Warehouse for placing on Warrant must be accompanied by an eCOA in order for the Warehouse to be able to place such metal on Warrant.
- 4.2 Where the lead comprising the relevant Lot was produced on or after a date to be specified by the Exchange by way of Notice, in order for such Lot to be warrantable, the Lot of lead must be accompanied by an Enhanced eCOA.
- 4.3 With effect from the date specified by way of Notice pursuant to Special Contract Rule 4.2 above, where a Warehouse is unable to identify the production date of a Lot of lead and the relevant Lot is not accompanied by an eCOA, the Warehouse is permitted to produce a Basic eCOA pursuant to the terms of any agreements between the Exchange and the relevant Warehouse. In such circumstances, the Warehouse may place such Lot on Warrant following the creation of such Basic eCOA.

Voluntary creation of an eCOA (metal produced before the date specified by way of Notice pursuant to Special Contract Rule 4.2 above):

- 4.4 For metal produced before the date specified by way of Notice pursuant to Special Contract Rule 4.2 above and where an Enhanced eCOA has not been created in respect of the underlying metal by its producer, a Basic eCOA may be produced by one of the following:
- (a) Members, pursuant to Special Contract Rule 4.6 below;
 - (b) Warehouses, pursuant to the terms of any agreements between the Exchange and the relevant Warehouse (including but not limited to the Warehouse Agreement);
 - (c) the producer of the underlying metal; or
 - (d) any other categories of persons or entities as the Exchange may specify from time to time.

For these purposes, each of the above shall be able to upload Paper COAs into the eCOA System for the purposes of producing the Basic eCOA.

Requirements for Production of an eCOA:

- 4.5 In order to be a valid eCOA, any eCOA that is produced in respect of lead must demonstrate compliance with one of the relevant standards and grades listed in Special Contract Rule 1(a) (i), (ii) or (iii) by illustrating the detected level of impurity for each element. In all cases, it must be possible to cross-reference the production cast reference on the metal to identical numbers on the eCOA.
- 4.6 An Enhanced eCOA for a Lot of lead may only be created by the producer of the metal. Any eCOA created by a producer of metal which is produced on or after the date specified by way of Notice pursuant to Special Contract Rule 4.2 above must be an Enhanced eCOA.
- 4.7 Where a Member (or any other person) elects to produce a Basic eCOA, it must:
- (a) upload the complete and correct Paper COA relating to the underlying metal;

- (b) enter the correct information into the eCOA System as requested by the eCOA System for the purposes of creating the Basic eCOA and as specified by the Exchange from time to time; and
- (c) use all reasonable skill, care and attention when using the eCOA System.

5. **ADDITIONAL REQUIREMENTS FOR LEAD WARRANTS**

- 5.1 The listed brand name must be indelibly marked on each ingot within a bundle.
- 5.2 The production cast reference must be indelibly marked on each ingot within the bundle or on the top surface of the bundle or on a durable label.
- 5.3 If a Warrant relates to metal in respect of which an eCOA has not been produced, the Warehouse is obliged to submit to the identified holder of any Warrant the Certificate(s) of Analysis or copies thereof, on request.
- 5.4 All documentation for placing lead on Warrant must include the English language.
- 5.5 Straps replaced by a Warehouse must be of corrosion resistant material and in compliance with LME strap standards.

6. **MAJOR CURRENCY**

US dollars

7. **TESTING OF WARRANTED METAL**

If the Exchange believes that the conditions at (a) and (b) below are satisfied, the Exchange may instruct an LSA to undertake such tests as are necessary to form a reasonable opinion on whether or not metal on Warrant conforms with these rules. Where the Exchange reasonably believes that the situation requires it, those tests may be conducted without the prior consent of the Warrant holder. The tests will be at the LME's cost.

The conditions referred to above are:

- (a) There are reasonable grounds to suspect that metal on Warrant does not comply with these rules, and
- (b) There is a risk of disruption to the LME's market.

SPECIAL CONTRACT RULES FOR PRIMARY NICKEL

1. QUALITY

The nickel delivered under this contract must be:

- (a) Primary Nickel that conforms to either the ASTM specification B39-79 (2023) – min 99.80% purity or the GB/T specification 6516-2010 – Ni9990 grade;
- (b) In the shape of cathodes (full plate or cut), briquettes, pellets or rounds; and
- (c) Of brands listed in the LME approved list.

2. SIZE OF LOT

6 tonnes (2% either more or less).

3. WARRANTS

3.1 Warrants shall be for 6 tonnes (2% more or less).

3.2 The nickel in each Warrant shall consist of one brand which is listed as being good delivery and of one shape and size.

3.3 Each Warrant shall state:-

- (a) the name of the brand;
- (b) the country / region of origin;
- (c) the shape;
- (d) the date(s) and identification reference of the certificates of analysis lodged with the Warehouse¹;
- (e) the total gross and net weights; and
- (f) the number of steel drums or bags or bundles making up each lot.

3.4 Each Warrant for drummed and bagged nickel shall bear the following legend:

'WARNING The buyer is advised that steel drums or bags (as applicable) may contain water and nickel should be handled and processed with this possibility in mind. Water contained in steel drums or bags (as applicable) may cause an explosion if the nickel is introduced into a melting-furnace without proper procedures being followed'.

3.5 Each Warrant for full plate cathode nickel shall bear the following legend:

'WARNING The buyer is advised that full plate nickel cathode edges may pose a handling risk and proper procedures for handling should be following'.

¹ For full plate nickel cathodes placed on Warrant on or before 10 January 2011, a certificate of conformity in lieu of a certificate of analysis is permissible.

4. SHAPES AND WEIGHTS

4.1 Nickel delivered under this contract shall be packed according to shape as follows:

- (a) Cut cathodes of either 100mm x 100mm (4" x 4"), 50mm x 50mm (2" x 2") or 25mm x 25mm (1" x 1"), shall be packed in sound steel drums of uniform size and even net weight (+/- 2% more or less) of 200kgs or 250kgs or 400kgs or 500kgs each with the production cast reference, gross and net weights and brand name indelibly marked on each individual steel drum. Part filled drums are not permitted.
- (b) Briquettes, pellets and rounds shall be packed in steel drums, sizes as 4.1 (a) above, or in 2000kgs (+/- 2% more or less) bags and marked in the same manner as cut cathodes in 4.1 (a) above. Part filled bags are not permitted.
- (c) Full plate cathodes up to 1000mm x 1400mm maximum with a thickness range of 2mm to 17mm, shall be packed in bundles not exceeding 2040kgs, strapped in two dimensions with corrosion resistant material to permit safe handling and transport without bundle distortion and breakage on steel or wooden skids (pallets not permitted) with a minimum ground clearance of 75mm with the production cast reference and gross and net weights indelibly marked on the top cathode of each bundle. The brand name must be marked indelibly either a) on clips attached to the bundle strapping, or b) on the producer strapping, or c) on each cathode within each bundle.

5. CERTIFICATE OF ANALYSIS

Requirement for eCOA to place metal on Warrant

- 5.1 Each delivery of a Lot of nickel to a Warehouse for placing on Warrant must be accompanied by an eCOA in order for the Warehouse to be able to place such metal on Warrant.
- 5.2 Where the nickel comprising the relevant Lot was produced on or after a date to be specified by the Exchange by way of Notice, in order for such Lot to be warrantable, the Lot of nickel must be accompanied by an Enhanced eCOA.
- 5.3 With effect from the date specified by way of Notice pursuant to Special Contract Rule 5.2 above, where a Warehouse is unable to identify the production date of a Lot of nickel and the relevant Lot is not accompanied by an eCOA, the Warehouse is permitted to produce a Basic eCOA pursuant to the terms of any agreements between the Exchange and the relevant Warehouse. In such circumstances, the Warehouse may place such Lot on Warrant following the creation of such Basic eCOA.

Voluntary creation of an eCOA (metal produced before the date specified by way of Notice pursuant to Special Contract Rule 5.2 above):

- 5.4 For metal produced before the date specified by way of Notice pursuant to Special Contract Rule 5.2 above and where an Enhanced eCOA has not been created in respect of the underlying metal by its producer, a Basic eCOA may be produced by one of the following:
 - (a) Members, pursuant to Special Contract Rule 5.7 below;

- (b) Warehouses, pursuant to the terms of any agreements between the Exchange and the relevant Warehouse (including but not limited to the Warehouse Agreement);
- (c) the producer of the underlying metal; or
- (d) any other categories of persons or entities as the Exchange may specify from time to time.

For these purposes, each of the above shall be able to upload Paper COAs into the eCOA System for the purposes of producing the Basic eCOA.

Requirements for Production of an eCOA:

- 5.5 In order to be a valid eCOA, any eCOA that is produced in respect of nickel must demonstrate compliance with one of the relevant specifications listed in Special Contract Rule 1(a) by illustrating the detected level of impurity for each element. In all cases, it must be possible to cross-reference the production cast reference on the metal, drums or bags to identical numbers on the eCOA.
- 5.6 An Enhanced eCOA for a Lot of nickel may only be created by the producer of the metal. Any eCOA created by a producer of metal which is produced on or after the date specified by way of Notice pursuant to Special Contract Rule 5.2 above must be an Enhanced eCOA.
- 5.7 Where a Member (or any other person) elects to produce a Basic eCOA, it must:
 - (a) upload the complete and correct Paper COA relating to the underlying metal;
 - (b) enter the correct information into the eCOA System as requested by the eCOA System for the purposes of creating the Basic eCOA and as specified by the Exchange from time to time; and
 - (c) use all reasonable skill, care and attention when using the eCOA System.

6. REQUIREMENTS FOR NICKEL WARRANTS

- 6.1 Nickel may be placed on Warrant provided that:
 - (a) Drummed nickel is in original sound producer steel drums with producer listed markings and with ring sealing and tamper proof producer seals intact.
 - (b) For drummed nickel received in original but unsound producer steel drums with broken/damaged producer seals or damaged while stored in the warehouse from an unintended incident, the Warehouse must, without exception, open every such drum and inspect the contents for conformance with the producer listed product and weight before re-packing in sound steel drums of capacity of 200kgs or 250kgs or 400kgs or 500kgs using the sizing of drums initially supplied and with ring sealing system and with unique Warehouse tamper proof numbered seals. All replacement steel drums must be marked with the original producer batch reference, listed brand and Warehouse established gross and net weights.
 - (c) Bagged nickel is in original sound producer bags with producer listed markings and with tamper proof seals intact.

- (d) For bagged nickel received in original but unsound producer bags with broken/damaged producer seals or damaged while stored in the warehouse from an unintended incident, the Warehouse must, without exception, open every such bag and inspect the contents for conformance with the producer listed product and weight before re-packing in replacement bags supplied by the producer or in new bags in compliance with ISO 21898:2004 (or National equivalent) with unique Warehouse tamper proof numbered seals. All replacement bags must be marked with the original producer batch reference, listed brand and Warehouse established gross and net weight.
- (e) For both drummed and bagged nickel producer approved third party packaging is permitted provided sealing methods are as per 5.1 (a) and 5.1 (c) above, using unique tamper proof numbered seals.
- (f) For full plate bundled nickel received in original sound producer bundles with producer listed markings no opening of bundles is permitted except as follows:
 - (i) Where it is necessary to break bundles in order to ensure nickel is placed on acceptable skids.
 - (ii) Where packaging is damaged such that it may cause a hazard in subsequent handling and storage.
 - (iii) Where to create a Warrant lot it is necessary to break one or more bundles from a single shipment quantity. Note that only two bundles in a lot may be constructed by a Warehouse, all other bundles must be original producer bundles. The Warehouse must indelibly mark each replacement strap with the brand name.

6.2 Straps replaced by a Warehouse must be of corrosion resistant material to permit safe handling and transport without bundle distortion and breakage and in compliance with LME strap Standards. The Warehouse must indelibly mark the top cathode of any new/reconstructed bundles with the producer production cast reference together with the gross and net weights.

7. **ADDITIONAL REQUIREMENTS FOR NICKEL WARRANTS**

7.1 All drummed nickel must be securely stored in warehouses on pallets.

7.2 The Warehouse must keep a record of all seals by number and date cross reference to each Warrant.

7.3 Drummed or bagged nickel previously on Warrant which has been supplied to another Warehouse may be placed back on Warrant provided that any drum or bag opened by the previous Warehouse is re-opened and their seal(s) replaced by the new Warehouse unique tamper proof seal(s). This rule does not apply to original sound producer drums or bags with producer listed markings and with tamper proof producer seals intact and to producer third party packaging where listed by the LME or for such packaging supported by an LME Listed Sampler and Assayer (LSA) certificate of analysis and having LSAs seals.

7.4 Drummed or bagged nickel previously on Warrant which has been returned to the same Warehouse may be placed back on Warrant without the need to open any packaging provided that all seals at the time of original warranting remain intact.

- 7.5 All markings on packaging and information on supporting documentation required for placing nickel on Warrant must include the English language.
- 7.6 If a Warrant relates to metal in respect of which an eCOA has not been produced, the Warehouse is obliged to submit to the identified holder of any Warrant the Certificate(s) of Analysis or copies thereof, on request.

8. **MAJOR CURRENCY**

US dollars

9. **TESTING OF WARRANTED METAL**

If the Exchange believes that the conditions at (a) and (b) below are satisfied, the Exchange may instruct an LSA to undertake such tests as are necessary to form a reasonable opinion on whether or not metal on Warrant conforms with these rules. Where the Exchange reasonably believes that the situation requires it, those tests may be conducted without the prior consent of the Warrant holder. The tests will be at the LME's cost.

The conditions referred to above are: -

- (a) that there are reasonable grounds to suspect that metal on Warrant does not comply with these rules, and
- (b) that there is a risk of disruption to the LME's market.

SPECIAL CONTRACT RULES FOR NORTH AMERICAN SPECIAL ALUMINIUM ALLOY

1. QUALITY

The aluminium alloy delivered under this contract must be:

- (a) Aluminium alloy conforming to the "LME NA380.1" specification (an LME modification of The Aluminum Association Inc. A380.1 specification (1989)), produced in conformity with the following specification:

Element	Minimum	Maximum
Copper	3.00	3.50
Silicon	8.50	9.50
Iron	0.80	1.00
Magnesium	-	0.10
Zinc	-	3.00
Manganese	-	0.45
Nickel	-	0.50
Tin	-	0.10
Lead	-	0.10
Titanium	-	0.10
Chrome (chromium)	-	0.10
Others – each	-	0.10
Others – total	-	0.50
Sludge = Fe + 2Mn + 3Cr		1.80

Production must be
filtered.

- (b) In the shape of ingots, small sows (four way entry sows), large sows (low profile sows) and T-bars.
- (c) Of brands listed in the LME-approved.

2. SIZE OF LOT

20 tonnes (2% either more or less).

3. WARRANTS

- 3.1 Warrants must be for 20 tonnes (2% either more or less).

- 3.2 The aluminium alloy in each Warrant must consist of one brand which is listed as being good delivery and of one shape and dimension.
- 3.3 Each lot must contain aluminium alloy derived from no more than five production batches, and, in the case of ingots, each bundle must contain aluminium alloy from only one production batch.
- 3.4 Each Warrant must state:
- (a) the name of the brand;
 - (b) the country / region of origin;
 - (c) the shape;
 - (d) the date(s) and reference number(s) of the certificate(s) of analysis lodged with the Warehouse;
 - (e) the weight;
 - (f) the number of bundles of ingots, small sows, large sows or T-bars making up each lot.
- 3.5 Each Warrant must bear the following clause;

WARNING: The buyer is advised that this metal may contain crevices and hidden recesses holding entrapped moisture. The metal should be handled and processed with this possibility in mind. Entrapped moisture may cause an explosion if the metal is introduced into a melting-furnace without proper drying.

4. CERTIFICATES OF ANALYSIS

Requirement for eCOA to place metal on Warrant

- 4.1 Each delivery of a Lot of aluminium alloy to a Warehouse for placing on Warrant must be accompanied by an eCOA in order for the Warehouse to be able to place such metal on Warrant.
- 4.2 Where the aluminium alloy comprising the relevant Lot was produced on or after a date to be specified by the Exchange by way of Notice, in order for such Lot to be warrantable, the Lot of aluminium alloy must be accompanied by an Enhanced eCOA and a completed LME Carbon Adjustment Mechanism (“CBAM”) emissions reporting form, as specified by the Exchange by way of Notice. The Exchange may update the CBAM emissions reporting form from time to time by way of Notice.
- 4.3 With effect from the date specified by way of Notice pursuant to Special Contract Rule 4.2 above, where a Warehouse is unable to identify the production date of a Lot of aluminium alloy and the relevant Lot is not accompanied by an eCOA, the Warehouse is permitted to produce a Basic eCOA pursuant to the terms of any agreements between the Exchange and the relevant Warehouse. In such circumstances, the Warehouse may place such Lot on Warrant following the creation of such Basic eCOA.

Voluntary creation of an eCOA (metal produced before the date specified by way of Notice pursuant to Special Contract Rule 4.2 above):

- 4.4 For metal produced before the date specified by way of Notice pursuant to Special Contract Rule 4.2 above and where an Enhanced eCOA has not been created in respect of the underlying metal by its producer, a Basic eCOA may be produced by one of the following:
- (a) Members, pursuant to Special Contract Rule 4.7 below;
 - (b) Warehouses, pursuant to the terms of any agreements between the Exchange and the relevant Warehouse (including but not limited to the Warehouse Agreement);
 - (c) the producer of the underlying metal; or
 - (d) any other categories of persons or entities as the Exchange may specify from time to time.

For these purposes, each of the above shall be able to upload Paper COAs into the eCOA System for the purposes of producing the Basic eCOA.

Requirements for Production of an eCOA:

- 4.5 In order to be a valid eCOA, any eCOA that is produced in respect of aluminium alloy must demonstrate compliance with the specification listed in Special Contract Rule 1(a) by illustrating the detected level of impurity for each element. In all cases, it must be possible to cross-reference the production cast reference on the metal to identical numbers on the eCOA.
- 4.6 An Enhanced eCOA for a Lot of aluminium alloy may only be created by the producer of the metal. Any eCOA created by a producer of metal which is produced on or after the date specified by way of Notice pursuant to Special Contract Rule 4.2 above must be an Enhanced eCOA.
- 4.7 Where a Member (or any other person) elects to produce a Basic eCOA, it must:
- (a) upload the complete and correct Paper COA relating to the underlying metal;
 - (b) enter the correct information into the eCOA System as requested by the eCOA System for the purposes of creating the Basic eCOA and as specified by the Exchange from time to time; and
 - (c) use all reasonable skill, care and attention when using the eCOA System.

5. ADDITIONAL REQUIREMENTS FOR NASAAC WARRANTS

- 5.1 The LME listed brand name must be indelibly marked on each ingot, sow and T-bar.
- 5.2 For ingots, the production cast reference and alloy grade reference must be indelibly marked on each ingot within a bundle or on the top surface of a bundle or on a durable label attached to the bundle. For sows and T-bars the production cast reference and alloy grade reference must be indelibly marked either directly on the surface or on a durable label attached to the metal.
- 5.3 If a Warrant relates to metal in respect of which an eCOA has not been produced, the Warehouse is obliged to submit to the identified holder of any Warrant the Certificate(s) of Analysis or copies thereof, on request.

- 5.4 All ingots and sows must be produced by a single pouring process. "Multi-pour" or "capping" the surface with additional metal after the ingot or sow is formed is not permitted.
- 5.5 All ingots, sows and T-bars delivered under this contract must be flat in order to permit safe stacking and handling using forklifts.
- 5.6 Metal surfaces must be smooth and free of open shrinkage, porosity, layers and seams.
- 5.7 The metal must be free of the visible presence of foreign substances.
- 5.8 The edges and surfaces of metal must be free of sharp edges, spurs and flashings that might present safety hazards in handling.
- 5.9 All documentation for placing aluminium alloy on Warrant must include the English language.
- 5.10 Straps replaced by a Warehouse must be of corrosion resistant material and in compliance with LME strap standards.

6. **SHAPES, WEIGHTS AND DIMENSIONS**

(a) Ingots

Ingots must weigh not less than 4 kilos (9lbs) and not more than 17.3 kilos (38lbs). Each ingot in each bundle and lot must be of the same weight and dimensions but not exceed 800mm (35 inches) in length; the only exception to be the cast feet for the purpose of bundle stability.

Bundles must weigh not less than 500 kilos (1100lbs) and not more than 1000 kilos (2200lbs) of equal weight and dimension in each lot suitable for stacking. One makeweight bundle in any one lot will be permissible. Bundles must be securely strapped for safe handling and transport without bundle distortion and breakage.

(b) Small sows (four-way entry sows)

Small sows must weigh not less than 408 kilos (900lbs) and not more than 590 kilos (1300lbs). Each small sow in each lot must be of the same weight and dimensions.

Dimensions shall be within the permitted range detailed as follows:

Top	Length and width must be the same, between 837mm – 990mm (33 – 39 inches).
Bottom	Length and width must be the same, between 406mm – 559mm (16 – 22 inches).
Height	Between 304mm – 432mm (12 – 17 inches).
Shape	The tapering of all four sides must include an indentation to allow for the safe and easy handling by forklift trucks.

(c) Large sows (low profile sows)

Large sows must weigh not less than 500 kilos (1100lbs) and not more than 726 kilos (1600lbs). Each large sow in each lot must be of the same weight and dimensions.

Dimensions shall be within the permitted range detailed as follows:

Top	Length must be between 1015mm – 1320mm (40 – 52 inches). Width must be between 812mm – 1142mm (32 – 45 inches).
Bottom	Length must be between 1015mm – 1320mm (40 – 52 inches). Width must be between 406mm – 533mm (16 – 21 inches).
Height	Between 216mm – 305mm (8.5 – 12 inches).
Shape	The tapering of the long sides should include an indentation to allow for the safe and easy handling by forklift trucks.

(d) T-bars

T-bars shall weigh not less than 408 kilos (900lbs) and not more than 726 kilos (1600lbs). Each T-bar in each lot shall be one of the same weight and dimensions.

Dimensions shall be within the permitted range detailed as follows:

Top	Length must be between 837mm – 1320mm (33 – 52 inches). Width must be between 760mm – 1015mm (30 – 40 inches).
Bottom	Length must be between 837mm – 1320mm (33 - 52 inches). Width must be between 406mm – 634mm (16 – 25 inches).
Height	Overall between 254mm – 432mm (10 – 17 inches). To shoulder minimum 76mm (3 inches).

7. **MAJOR CURRENCY**

US dollars

8. **TESTING OF WARRANTED METAL**

If the Exchange believes that the conditions at (a) and (b) below are satisfied, the Exchange may instruct an LSA to undertake such tests as are necessary to form a reasonable opinion on whether or not metal on Warrant conforms with these rules. Where the Exchange reasonably believes that the situation requires it, those tests may be conducted without the prior consent of the Warrant holder. The tests will be at the LME's cost.

The conditions referred to above are:

- (a) There are reasonable grounds to suspect that metal on Warrant does not comply with these rules.
- (b) There is a risk of disruption to the LME's market.

SPECIAL CONTRACT RULES FOR TIN

1. QUALITY

The tin delivered under this contract must be:

- (a) Refined tin of minimum 99.85% purity conforming to BS EN 610:1996.
- (b) In the shape of ingots each weighing not less than 12 kilos and not more than 30 kilos.
- (c) Of brands listed in the LME approved list.

2. SIZE OF LOT

5 tonnes (2% either more or less).

3. WARRANTS

3.1 Warrants shall be for 5 tonnes (2% either more or less).

3.2 The tin in each Warrant shall consist of one brand which is listed as being good delivery, and of one shape and dimension, subject to the necessity of including different shapes and dimensions at the bottom of each bundle for the purpose of stability and must be in bundles not exceeding 1.2 tonnes securely strapped for safe handling and transport without bundle distortion and breakage.

3.3 Each Warrant shall state:

- (a) the name of the brand;
- (b) the country / region of origin;
- (c) the shape;
- (d) the date(s) and reference number(s) of the certificate(s) of analysis lodged with the Warehouse;
- (e) the weight;
- (f) the number of bundles making up each lot.

3.4 Each Warrant must be made up of not more than two cast batches.

4. CERTIFICATES OF ANALYSIS

Requirement for eCOA to place metal on Warrant

4.1 Each delivery of a Lot of tin to a Warehouse for placing on Warrant must be accompanied by an eCOA in order for the Warehouse to be able to place such metal on Warrant.

4.2 Where the tin comprising the relevant Lot was produced on or after a date to be specified by the Exchange by way of Notice, in order for such Lot to be warrantable, the Lot of tin must be accompanied by an Enhanced eCOA.

4.3 With effect from the date specified by way of Notice pursuant to Special Contract Rule 4.2 above, where a Warehouse is unable to identify the production date of a Lot of tin and the

relevant Lot is not accompanied by an eCOA, the Warehouse is permitted to produce a Basic eCOA pursuant to the terms of any agreements between the Exchange and the relevant Warehouse. In such circumstances, the Warehouse may place such Lot on Warrant following the creation of such Basic eCOA.

Voluntary creation of an eCOA (metal produced before the date specified by way of Notice pursuant to Special Contract Rule 4.2 above):

- 4.4 For metal produced before the date specified by way of Notice pursuant to Special Contract Rule 4.2 above and where an Enhanced eCOA has not been created in respect of the underlying metal by its producer, a Basic eCOA may be produced by one of the following:
- (a) Members, pursuant to Special Contract Rule 4.7 below;
 - (b) Warehouses, pursuant to the terms of any agreements between the Exchange and the relevant Warehouse (including but not limited to the Warehouse Agreement);
 - (c) the producer of the underlying metal; or
 - (d) any other categories of persons or entities as the Exchange may specify from time to time.

For these purposes, each of the above shall be able to upload Paper COAs into the eCOA System for the purposes of producing the Basic eCOA.

Requirements for Production of an eCOA:

- 4.5 In order to be a valid eCOA, any eCOA that is produced in respect of tin must demonstrate compliance with the specification listed in Special Contract Rule 1(a) by illustrating the detected level of impurity. In all cases, it must be possible to cross-reference the production cast reference on the metal to identical numbers on the eCOA.
- 4.6 An Enhanced eCOA for a Lot of tin may only be created by the producer of the metal. Any eCOA created by a producer of metal which is produced on or after the date specified by way of Notice pursuant to Special Contract Rule 4.2 above must be an Enhanced eCOA.
- 4.7 Where a Member (or any other person) elects to produce a Basic eCOA, it must:
- (a) upload the complete and correct Paper COA relating to the underlying metal;
 - (b) enter the correct information into the eCOA System as requested by the eCOA System for the purposes of creating the Basic eCOA and as specified by the Exchange from time to time; and
 - (c) use all reasonable skill, care and attention when using the eCOA System.

5. ADDITIONAL REQUIREMENTS FOR TIN WARRANTS

- 5.1 The listed brand name must be indelibly marked on each ingot within a bundle.
- 5.2 The production cast reference must be indelibly marked on each ingot within the bundle.
- 5.3 If a Warrant relates to metal in respect of which an eCOA has not been produced, the Warehouse is obliged to submit to the identified holder of any Warrant the Certificate(s) of Analysis or copies thereof, on request.

- 5.4 All documentation for placing tin on Warrant must include the English language.
- 5.5 Straps replaced by a Warehouse must be of corrosion resistant material and in compliance with LME strap standards.

6. **MAJOR CURRENCY**

US dollars

7. **TESTING OF WARRANTED METAL**

If the Exchange believes that the conditions at (a) and (b) below are satisfied, the Exchange may instruct an LSA to undertake such tests as are necessary to form a reasonable opinion on whether or not metal on Warrant conforms with these rules. Where the Exchange reasonably believes that the situation requires it, those tests may be conducted without the prior consent of the Warrant holder. The tests will be at the Exchange's cost.

The conditions referred to above are:

- (a) There are reasonable grounds to suspect that metal on Warrant does not comply with these rules.
- (b) There is a risk of disruption to the LME's market.

SPECIAL CONTRACT RULES FOR SPECIAL HIGH GRADE ZINC

1. QUALITY

The zinc delivered under this contract must be:

- (a) Refined zinc of minimum 99.995% purity conforming to one of the following Standards and specific grades:
 - (i) BS EN 1179:2003 Standard entitled "Zinc and Zinc Alloys – Primary Zinc", 99.995% grade
 - (ii) ISO 752:2004 entitled "Zinc ingots", ZN-1 grade
 - (iii) ASTM B6-23 entitled "Standard Specification for Zinc", LME grade
 - (iv) GB/T 470-2008 entitled "Zinc ingots", Zn99.995 grade
- (b) In the shape of ingots and jumbos.
- (c) Of brands in the LME approved list.

2. SIZE OF LOT

25 tonnes (2% either more or less).

3. WARRANTS

3.1 Warrants shall be for 25 tonnes (2% either more or less).

3.2 The zinc in each warrant shall consist of one brand which is listed as being good delivery, and of one shape and dimension, subject, in the case of ingots, to the necessity of including different shapes and dimensions at the bottom of each bundle for the purpose of stability and must be in bundles not exceeding 1.5 tonnes securely strapped for safe handling and transport without bundle distortion and breakage.

3.3 Each Warrant shall state:

- (a) the name of the brand;
- (b) the country / region of origin;
- (c) the shape;
- (d) the date(s) and reference number(s) of the certificate(s) of analysis lodged with the Warehouse;
- (e) the weight;
- (f) the number of bundles making up each lot.

4. CERTIFICATES OF ANALYSIS

Requirement for eCOA to place metal on Warrant

- 4.1 Each delivery of a Lot of zinc to a Warehouse for placing on Warrant must be accompanied by an eCOA in order for the Warehouse to be able to place such metal on Warrant.
- 4.2 Where the zinc comprising the relevant Lot was produced on or after a date to be specified by the Exchange by way of Notice, in order for such Lot to be warrantable, the Lot of zinc must be accompanied by an Enhanced eCOA.
- 4.3 With effect from the date specified by way of Notice pursuant to Special Contract Rule 4.2 above, where a Warehouse is unable to identify the production date of a Lot of zinc and the relevant Lot is not accompanied by an eCOA, the Warehouse is permitted to produce a Basic eCOA pursuant to the terms of any agreements between the Exchange and the relevant Warehouse. In such circumstances, the Warehouse may place such Lot on Warrant following the creation of such Basic eCOA.

Voluntary creation of an eCOA (metal produced before the date specified by way of Notice pursuant to Special Contract Rule 4.2 above):

- 4.4 For metal produced before the date specified by way of Notice pursuant to Special Contract Rule 4.2 above and where an Enhanced eCOA has not been created in respect of the underlying metal by its producer, a Basic eCOA may be produced by one of the following:
- (a) Members, pursuant to Special Contract Rule 4.6 below;
 - (b) Warehouses, pursuant to the terms of any agreements between the Exchange and the relevant Warehouse (including but not limited to the Warehouse Agreement);
 - (c) the producer of the underlying metal; or
 - (d) any other categories of persons or entities as the Exchange may specify from time to time.

For these purposes, each of the above shall be able to upload Paper COAs into the eCOA System for the purposes of producing the Basic eCOA.

Requirements for Production of an eCOA:

- 4.5 In order to be a valid eCOA, any eCOA that is produced in respect of zinc must demonstrate compliance with one of the relevant standards and grades listed in Special Contract Rule 1(a) (i), (ii), (iii) or (iv) by illustrating the detected level of impurity for each element. In all cases, it must be possible to cross-reference the production cast reference on the metal to identical numbers on the eCOA.
- 4.6 An Enhanced eCOA for a Lot of zinc may only be created by the producer of the metal. Any eCOA created by a producer of metal which is produced on or after the date specified by way of Notice pursuant to Special Contract Rule 4.2 above must be an Enhanced eCOA.
- 4.7 Where a Member (or any other person) elects to produce a Basic eCOA, it must:
- (a) upload the complete and correct Paper COA relating to the underlying metal;
 - (b) enter the correct information into the eCOA System as requested by the eCOA System for the purposes of creating the Basic eCOA and as specified by the Exchange from time to time; and

- (c) use all reasonable skill, care and attention when using the eCOA System.

5. **ADDITIONAL REQUIREMENTS FOR ZINC WARRANTS**

- 5.1 The listed brand name must be indelibly marked on each ingot and jumbo.
- 5.2 The production cast reference must be:
- (a) indelibly marked on each ingot within a bundle or on the top surface of the bundle or on a durable label.
 - (b) indelibly marked on each jumbo.
- 5.3 If a Warrant relates to metal in respect of which an eCOA has not been produced, the Warehouse is obliged to submit to the identified holder of any Warrant the Certificate(s) of Analysis or copies thereof, on request.
- 5.4 All documentation for placing zinc on Warrant must include the English language.
- 5.5 Straps replaced by a Warehouse must be of corrosion resistant material and in compliance with LME strap standards.

6. **SHAPES, WEIGHTS AND DIMENSIONS**

- (a) Ingots

Ingots shall weigh not more than 30 kilos.

- (b) Jumbos

Jumbos shall weigh not less than 900 kilos and not more than 1200 kilos. Each jumbo in each lot shall be of the same weight and dimensions.

Dimensions shall be within the permitted range detailed as follows:

Length	Not more than 1450mm
Width	Not more than 600mm
Height	Not more than 350mm
Shape	Jumbos shall have a minimum of two top holes for handling, which shall have a minimum diameter of 70mm each. Each jumbo should be suitable for stacking and allow for safe and easy handling by fork lift trucks.

7. **MAJOR CURRENCY**

US dollars

8. **TESTING OF WARRANTED METAL**

If the Exchange believes that the conditions at (a) and (b) below are satisfied, the Exchange may instruct an LSA to undertake such tests as are necessary to form a reasonable opinion on whether or not metal on Warrant conforms with these rules. Where the Exchange reasonably

believes that the situation requires it, those tests may be conducted without the prior consent of the Warrant holder. The tests will be at the LME's cost.

The conditions referred to above are:

- (a) There are reasonable grounds to suspect that metal on Warrant does not comply with these rules.
- (b) There is a risk of disruption to the LME's market.

SPECIAL CONTRACT RULES FOR STEEL BILLET

[CONTRACT NOT CURRENTLY AVAILABLE]

1. QUALITY

The steel billet deliverable under this contract shall be:

(a) steel billet conforming to one of the specifications listed below:

LME Grade	C	Si	Mn	S	P	Cu	Ni	Cr	N	CEV*	LME Grade
1	0.08-0.13	0.10-0.30	0.30-0.60	0.050	0.040	0.40	0.20	0.20	0.012	-	1
2	0.10-0.15	0.15-0.30	0.50-0.80	0.045	0.045	0.40	0.20	0.20	0.009**	-	2
3	0.14-0.22	0.05-0.15	0.40-0.65	0.05	0.04	0.40	0.30	0.30	0.012	-	3
4	0.14-0.22	0.15-0.30	0.40-0.65	0.05	0.04	0.40	0.30	0.30	0.012	-	4
5	0.15-0.22	0.15-0.30	0.60-1.00	0.05	0.05	0.50	0.20	0.20	0.012	0.50	5
6	0.17-0.25	0.40-0.80	1.20-1.60	0.045	0.045	0.50	0.20	0.20	-	0.52	6
7	0.28-0.37	0.05-0.15	0.50-0.80	0.05	0.04	0.40	0.30	0.30	0.012	-	7
8	0.28-0.37	0.15-0.30	0.50-0.80	0.05	0.04	0.40	0.30	0.30	0.012	-	8
9	0.36-0.42	0.15-0.30	1.00-1.40	0.05	0.05	0.50	0.20	0.20	-	-	9

All limits are max unless otherwise indicated.

* $CEV = \%C + \%Mn/6 + (\%Cr + \%Mo + \%V)/5 + (\%Cu + \%Ni)/15$

** %N max may increase by 0.001% for every 0.005% reduction in %P

An allowable tolerance of analysis taken on products made from the above casting grades is permitted as follows:-

C, +0.02%; Cr, +0.05%; Cu, +0.05%; Mn, +/- 0.10%; N, +0.002%; Ni, +0.05%; S, 0.005%; Si, +/- 0.02%; P, 0.005%; CEV + 0.02%.

(b) of brands listed in the LME-approved list of steel billet brands.

2. DIMENSIONS

Steel delivered must be in the form of billets and conform to one of the following dimensions:-

Length	Metric	Imperial
100 S or 100 L	100 x 100mm	4" x 4"
120 S or 120 L	120 x 120mm	4¾ " x 4¾ "
125 S or 125 L	125 x 125mm	5" x 5"
130 S or 130 L	130 x 130mm	5¼ " x 5¼ "
140 S or 140 L	140 x 140mm	5½ " x 5½ "
150 S or 150 L	150 x 150mm	6" x 6"

All metric section dimensions are subject to a +/- 3mm tolerance.

All imperial section dimensions are subject to +/- one-eighth of an inch tolerance.

All metric S lengths are to be nominally 5,800 – 6000mm in 100mm increments. Each nominal length is subject to a +/- 100mm tolerance.

All imperial S lengths are 19' 8" with a tolerance of +/- 4".

All metric L lengths are to be nominally 11,700mm – 12,000mm in 100mm increments. Each nominal length is subject to a +/- 100mm tolerance.

All imperial L lengths are 39' 4" with a tolerance of +/- 4".

3. SIZE OF LOT

65 tonnes

4. WARRANTS

4.1 Warrants shall be for 65 tonnes each (3.5% either more or less).

4.2 Each parcel particularised in each warrant shall lie at one facility, be of one brand and shall consist of billets of one dimension and one specification.

5. MAJOR CURRENCY

US dollars

6. TESTING OF WARRANTED METAL

If the Exchange believes that the conditions at (a) and (b) below are satisfied, the Exchange may instruct an LME approved Sampler and Assayer to undertake such tests as are necessary to form a reasonable opinion on whether or not metal on Warrant conforms with these rules. Where the Exchange reasonably believes that the situation requires it, those tests may be conducted without the prior consent of the Warrant holder. The tests will be at the Exchange's cost.

The conditions referred to above are: -

- (a) that there are reasonable grounds to suspect that metal on Warrant does not comply with these rules, and
- (b) that there is a risk of disruption to the LME's market.

SPECIAL RULES GOVERNING THE PLACING OF STEEL BILLET ON WARRANT

1. Each Delivery of billet for placing on warrant shall be accompanied by a Certificate of Origin and a producer's Mill Test Certificate or certificate of Analysis, both of which must be lodged with the warehouseman. The Mill Test Certificate/Certificate of Analysis must be within the quality specification set out in Special Contract Rule 1 and must show the full chemical analysis per heat number. Additionally the Mill Test Certificate/Certificate of Analysis must be on the applicable producers headed paper stating the plant and/or brand name. Bulk certificates or a copy thereof is acceptable.
2. Each warrant shall state the total weight of the parcel particularised thereon, its country / region of origin, brand, no of billets making up each parcel and the date(s) and reference number(s) of the Mill Test Certificate/Certificate of Analysis lodged with the warehouseman. The warehouse company is required to keep a record of the date and reference number of the Certificate of Origin.
3. The Warehouse Company is required to inform the LME of the name of the party that requests the warrant to be issued.
4. On request, the warehouseman is obliged to submit to the holder of the Warrant the Certificates of Origin, plus Analysis or Mill Test Certificate, or copies thereof if the 65 tonne parcel forms part of a larger delivery covered by bulk certificates.
5. All documentation required for placing material on warrant must be in English.

SPECIAL CONTRACT RULES FOR COBALT

1. QUALITY

The cobalt delivered under this contract must be:-

- (a) Of a minimum 99.80% purity. Other elements are as specified by producers of each brand in the LME-approved list.
- (b) In the form of cathodes (broken or cut, cut cathodes must be of uniform sizes no greater than 50mm and offcuts are not permitted), rounds, briquettes or coarse grain powder (must be <0.01% of a respirable size fraction).
- (c) Of brands listed in the LME approved list.

2. SIZE OF LOT

1 tonne (2% either more or less).

3. WARRANTS

3.1 Warrants shall be for 1 tonne (2% either more or less).

3.2 The cobalt in each Warrant shall consist of one brand which is listed as being good delivery, of one shape and size and from not more than two production batches.

3.3 Each Warrant shall state:

- (a) the name of the brand;
- (b) the country / region of origin;
- (c) the shape;
- (d) the date(s) and reference number(s) of the certificates of analysis lodged with the Warehouse;
- (e) the gross and net weights; and
- (f) the number of steel drums making up each lot.

3.4 Each Warrant shall bear the following legend:

'WARNING The buyer is advised that drums may contain water and cobalt should be handled and processed with this possibility in mind. Water contained in drums may cause an explosion if the cobalt is introduced into a melting-furnace without proper procedures being followed'.

4. DRUMMING REQUIREMENTS

4.1 All cobalt delivered under this contract shall be packed in sound steel drums of uniform size and weight of 200kgs, 250kgs or 500kgs (+/-2%). Part filled steel drums are not permitted.

4.2 Each drum shall be indelibly marked with production cast reference, gross and net weights and brand name.

- 4.3 Only drums that are original sound producer or producer approved third party steel drums with the producer or approved third party ring closing system and with tamper proof seals intact may be put on Warrant.
- 4.4 Warehouses are not permitted to place on Warrant cobalt supplied in unsound producer or producer approved third party steel drums with broken seals.

5. **CERTIFICATES OF ANALYSIS**

Requirement for eCOA to place metal on Warrant

- 5.1 Each delivery of a Lot of cobalt to a Warehouse for placing on Warrant must be accompanied by an eCOA in order for the Warehouse to be able to place such metal on Warrant.
- 5.2 Where the cobalt comprising the relevant Lot was produced on or after a date to be specified by the Exchange by way of Notice, in order for such Lot to be warrantable, the Lot of cobalt must be accompanied by an Enhanced eCOA.
- 5.3 With effect from the date specified by way of Notice pursuant to Special Contract Rule 5.2 above, where a Warehouse is unable to identify the production date of a Lot of cobalt and the relevant Lot is not accompanied by an eCOA, the Warehouse is permitted to produce a Basic eCOA pursuant to the terms of any agreements between the Exchange and the relevant Warehouse. In such circumstances, the Warehouse may place such Lot on Warrant following the creation of such Basic eCOA.

Voluntary creation of an eCOA (metal produced before the date specified by way of Notice pursuant to Special Contract Rule 5.2 above):

- 5.4 For metal produced before the date specified by way of Notice pursuant to Special Contract Rule 5.2 above and where an Enhanced eCOA has not been created in respect of the underlying metal by its producer, a Basic eCOA may be produced by one of the following:
- (a) Members, pursuant to Special Contract Rule 5.7 below;
 - (b) Warehouses, pursuant to the terms of any agreements between the Exchange and the relevant Warehouse (including but not limited to the Warehouse Agreement);
 - (c) the producer of the underlying metal; or
 - (d) any other categories of persons or entities as the Exchange may specify from time to time.

For these purposes, each of the above shall be able to upload Paper COAs into the eCOA System for the purposes of producing the Basic eCOA.

Requirements for Production of an eCOA:

- 5.5 In order to be a valid eCOA, any eCOA that is produced in respect of cobalt must demonstrate compliance with the purity listed in Special Contract Rule 1(a) and illustrate the detected level of impurity for all elements specified by the producer for the relevant brand. In all cases, it must be possible to cross-reference the production cast reference on the drum to identical numbers on the eCOA.

5.6 An Enhanced eCOA for a Lot of cobalt may only be created by the producer of the metal. Any eCOA created by a producer of metal which is produced on or after the date specified by way of Notice pursuant to Special Contract Rule 5.2 above must be an Enhanced eCOA.

5.7 Where a Member (or any other person) elects to produce a Basic eCOA, it must:

- (a) upload the complete and correct Paper COA relating to the underlying metal;
- (b) enter the correct information into the eCOA System as requested by the eCOA System for the purposes of creating the Basic eCOA and as specified by the Exchange from time to time; and
- (c) use all reasonable skill, care and attention when using the eCOA System.

6. **ADDITIONAL REQUIREMENTS FOR ALL COBALT WARRANTS**

6.1 All cobalt Warrants require a packing list cross referenced to the Certificate(s) of Analysis and individual producer drum seal numbers in English. Bulk Certificates of Analysis are permitted.

6.2 If a Warrant relates to metal in respect of which an eCOA has not been produced, the Warehouse is obliged to submit to the holder of the Warrant the Certificate(s) of Analysis and packing list or copies thereof if the Warrant lot forms part of a larger batch, on request.

7. **MAJOR CURRENCY**

US dollars

8. **TESTING OF WARRANTED METAL**

8.1 If the Exchange believes that the conditions at rule 7.2(a) and (b) below are satisfied, the Exchange may instruct an LME Listed Sampler and Assayer (LSA) to undertake such tests as are necessary to form a reasonable opinion on whether or not metal on Warrant conforms with these Rules. Where the Exchange reasonably believes that the situation requires it, those tests may be conducted without the prior consent of the Warrant holder. The LME will bear the costs of such tests.

8.2 The conditions referred to above are that:-

- (a) there are reasonable grounds to suspect that cobalt on Warrant does not comply with these rules; and
- (b) there is a risk of disruption to the LME's market

SPECIAL CONTRACT RULES FOR ROASTED MOLYBDENUM CONCENTRATE

[CONTRACT NOT CURRENTLY AVAILABLE]

1. QUALITY

The roasted molybdenum concentrate ("RMC") delivered under this contract shall be:

- (a) between 57 and 63% molybdenum purity with maximum permissible impurities of Cu 0.50%; P 0.05%; Pb 0.05%; S 0.10%; C 0.10%; Moisture 0.1%.
- (b) in the form of powder packed in drums, of which only 5% of the powder can comprise particles in excess of 4mm and 0% in excess of 10mm.
- (c) of brands listed in the LME approved list.

2. SIZE OF LOT

6 tonnes molybdenum (+/-5%) contained in RMC.

3. WARRANTS

3.1 Warrants shall be for 10 tonnes of RMC.

3.2 The RMC in each Warrant shall be of one production batch and brand and shall lie in one warehouse.

3.3 Each Warrant shall state:

- (a) the name of the brand;
- (b) the country / region of origin;
- (c) the date and reference number of the certificate of analysis lodged with the warehouseman;
- (d) the gross and net weights of RMC together with the net weight contained of molybdenum; and
- (e) the number of steel drums making up each Warrant.

3.4 Each Warrant shall bear the following legend:

'WARNING The buyer is advised that drums may contain water and RMC should be handled and processed with this possibility in mind. Water contained in drums may cause an explosion if the RMC is introduced into a melting-furnace without proper procedures being followed.'

4. WEIGHTS

4.1 All RMC delivered under this contract shall be packed in sound steel drums of uniform size and of exact net weight of 200 or 250 kilos. Part filled steel drums are not permitted.

- 4.2 Each steel drum shall have the gross and net weights, brand name, origin and batch reference clearly and indelibly marked or stamped on the outside of the drum.

5. **DRUMMED RMC REQUIREMENTS**

- 5.1 RMC contained in drums may be placed on Warrant provided that:
- (a) the steel drums are original sound producer drums with a ring closing system and tamper proof producer seals intact;
 - (b) the Warehouse opens every steel drum in a Warrant quantity of a single producer batch in the presence of an LME Listed Sampler and Assayer (LSA) for the purpose of taking samples and establishing an independent Certificate of Analysis specific to each Warrant lot. The Warehouse shall be responsible for resealing all steel drums using their own unique tamper proof numbered seals using a ring closing system and identifying the warehouse of storage after sampling is complete and still in the presence of the LSA. All costs incurred will be for account of the party instructing the warehouse to place the material on warrant; and
 - (c) all markings on steel drums conform to those of the listed brand.
- 5.2 Warehouses are not permitted to place on Warrant any RMC supplied in unsound producer steel drums or steel drums with broken seals.

6. **CERTIFICATES OF ANALYSIS**

- 6.1 A Certificate of Analysis shall be issued for each Warrant lot by an LSA in accordance with the following:
- (a) LSAs will sample and analyse each lot for LME warranting in accordance with LME specified procedures ensuring that any one lot comes from a single producer batch; and
 - (b) LSA Certificates of Analysis shall be cross-referenced to the listed producer brand, batch number and Warehouse seal numbers.
- 6.2 Any party cancelling Warrants should note that the LSA Certificate of Analysis is subject to a variation tolerance of Mo content of +/- 0.5%. If any additional sampling and analysis is required this must be done in accordance with LME procedures within 15 working days after cancelling the Warrant at the warehouse of storage in the presence of the LSA who issued the original Certificate of Analysis. Any disputes about analysis shall be settled in accordance with LME procedures. All costs for any analysis taken at time of cancellation of warrants are for the account of the party cancelling Warrants
- ## 7. **ADDITIONAL REQUIREMENTS FOR ALL RMC WARRANTS**
- 7.1 Note that in order to create RMC warrants a producer weight certificate and analysis certificate covering all elements of the Contract specification in 1(a) above is to be supplied with all deliveries to a warehouse.
- 7.2 All RMC Warrants require as supporting documentation a certificate of origin and a LSA certificate of analysis in English.

7.3 On request the Warehouse is obliged to submit to the holder of the Warrant the certificate of origin and analysis or a copy thereof.

7.4 The Warehouse Company is required to inform the LME of the name of the party that requests the warrant to be issued.

8. **MAJOR CURRENCY**

US dollars

9. **TESTING OF WARRANTED METAL**

9.1 If the Exchange believes that the conditions at rule 9.2(a) and (b) below are satisfied, the Exchange may instruct an LME Listed Sampler and Assayer to undertake such tests as are necessary to form a reasonable opinion of whether or not metal on Warrant conforms with these Rules. Where the Exchange reasonably believes that the situation requires it, those tests may be conducted without the prior consent of the Warrant holder. The LME will bear the costs of such tests.

9.2 The conditions referred to above are that:-

- (a) there are reasonable grounds to suspect that RMC on Warrant does not comply with these rules, and
- (b) there is a risk of disruption to the LME's market.

