right solutions.
right partner.

Dear: Gerardo Armando Rizo Flores
Client Name: Operadora de Minas e Instalaciones Mineras S.A de C.V
Client Address: Campos Eliseos #400 Col. Lomas De Chapultepec I Sec Delegación Miguel Hidalgo CP 11000 México

ALS Reference: MX2401218-GM
Client Reference: H-94-2024-01/0003
Date: 25th January 2024

TEST REPORT
FMP / TML

REPORT OF TRANSPORTABLE MOISTURE LIMIT

Vessel Name:	ARUNA EAGLE
Place of Inspection:	TMG Warehouse
Date of Inspection:	25/01/2024
Sampling Date:	25/01/2024
Sampled By:	ALS Inspection México
Sample Receipt Date	25/01/2024
Commodity:	Copper Concentrates
Quantity Inspected:	4,800 WMT
Date of Testing:	25/01/2024
Place of Testing:	ALS Inspection México
Angle of Repose:	37.5°
Load Factor:	0.38 CUBIC m^3 / t

FLOW MOISTURE POINT: **10.30%**

TRANSPORTABLE MOISTURE LIMIT (%): **9.27%**

Notes on interval between sampling / testing and loading for TML:

1. This certificate should always be accompanied by a certificate of average moisture content of which the testing date is within 7 days prior to loading of above material and presented to the Master of the seagoing vessel loading this material.
2. At the time this declaration is presented to the Master or his representative, the Transportable Moisture Limit (TML) is, to the best of the shipper's knowledge and belief, the transportable moisture limit of the cargo to be loaded onto all cargo spaces.

Method Reference:
ISO-12742:2017 Determination of transportable moisture limits- Flow-table method. Accredited method.
All testing has been carried out in accordance with internal process ALS **MXGYM_LAB_PRO002** basing FMP/TML testing.
protocols and the IMSBC code of safe practice for solid bulk cargoes, 2018 edition Appendix 2, page 395 to 402
MXGYM_OPER_PRO008 (Sampling Method: Used pile Sampling (Backhoe Sampling)

Disclaimer:
The above information serves to guide the CARRIER of the cargo about the typical characteristics and properties of the cargo to be loaded onto the above-mentioned vessel. The information provided here, however, shall neither be liable of commercial discussions nor be conflicting with the current conditions established between above mentioned shipper or representative and the cargo buyer / end-user.
I hereby declare that the consignment is as above described and that the given results and other specifications are correct and represent the cargo to be loaded, to the best of my knowledge and belief.

Mario Castillo
Operations Manager
On Behalf of ALS Inspection México

ALS Inspection Mexico S. de R.L. de C.V.

ema LABORATORIO DE ENSAYO
ACREDITADO Q-1311-207/20

ALS Inspection Mexico Address – Interior Recinto Portuario Zona Franca S/N CP 85430 - P: +52 662 244 62 05
ALS Inspection Mexico S.A. DE R.L. DE C.V. RFC AIM 180702KB8 Part of the ALS Laboratory Group
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Dear: Gerardo Armando Rizo Flores
Client Name: Operadora de Minas e Instalaciones Mineras S.A de C.V
Client Address: Campos Eliseos #400 Col. Lomas De Chapultepec I Sec Delegación Miguel Hidalgo CP 11000 México

ALS Reference: MX2401218-GM
Client Reference: H-94-2024-01/0003
Date: 23rd January 2024

TEST REPORT
FMP / TML

REPORT OF TRANSPORTABLE MOISTURE LIMIT

Vessel Name:	ARUNA EAGLE
Place of Inspection:	API Yards
Date of Inspection:	22/01/2024
Sampling Date:	22/01/2024
Sampled By:	ALS Inspection México
Sample Receipt Date	22/01/2024
Commodity:	Copper Concentrates
Quantity Inspected:	6,000 WMT
Date of Testing:	22/01/2024
Place of Testing:	ALS Inspection México
Angle of Repose:	37.5°
Load Factor:	0.38 CUBIC m^3 / t

FLOW MOISTURE POINT: **10.30%**

TRANSPORTABLE MOISTURE LIMIT (%): **9.27%**

Notes on interval between sampling / testing and loading for TML:

1. This certificate should always be accompanied by a certificate of average moisture content of which the testing date is within 7 days prior to loading of above material and presented to the Master of the seagoing vessel loading this material.
2. At the time this declaration is presented to the Master or his representative, the Transportable Moisture Limit (TML) is, to the best of the shipper's knowledge and belief, the transportable moisture limit of the cargo to be loaded onto all cargo spaces.

Method Reference:
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Mario Castillo
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