



Draught Survey Certificate

This is to Certify that the undersigned surveyor did attend the vessel, "FW FIRMAMENT" Voyage N° V-2502 and SINGAPORE Flag with IMO N° 1086805 in order to ascertain the light (Arrival) and loaded (Departure) displacements for the purpose of determining the quantity of Sociedad Minera Cerro Verde SAA Concentrates in Bulk loaded and has report as follows:

On Behalf of:	HINDALCO INDUSTRIES LTD	Our Ref.:	ALS.2509.0085 / J-UK.2510951
B/L (M/T) :	21,001.900 tonnes	Terminal/Berth:	PIER F - TISUR
Captain	LI HELIAN	Discharge Port	DAHEJ - INDIA

ARRIVAL					
Draft Marks	Aft	Mid	Forward	Hogging	
Port	7.0800	5.8400	5.2800	Mean 1	0.0626
Starboard	7.0800	6.4900	5.5800	TPC	6.2156
Mean	7.0700	6.1650	5.4300	LCF	46.937
Corr'n to Perpendicular	0.0078	-0.0119	-0.0765	True Trim	-1.847
Draught	7.0778	6.1531	5.3535	MTC (+50cm)	1.7243
3/4 Mean Draught	6.1687			MTC (-50cm)	555.873
Disp @ 1.0250	26322.270			DM / DZ	501.466
Trim Correction A	-84.529			HFO	54.407
Trim Correction B	46.140			MDO + Others	345.160
Corrected Displacement	26283.881			Fresh Water	252.930
Density of Dock Water	1.0250			Ballast	257.000
Displacement @ Density	26283.881			Total	15694.870
Variables	16549.960			Draft Survey Initial Date & Time	
Nett Displacement	9733.921			0410 hrs / 0510 hrs 30th. September, 2025	

FINAL					
Draft Marks	Aft	Mid	Forward	Sagging	
Port	11.0900	9.8100	8.3800	Mean 1	-0.1718
Starboard	11.4500	10.2000	8.5600	TPC	9.8113
Mean	11.2700	10.0050	8.4700	LCF	50.500
Corr'n to Perpendicular	0.0133	-0.0219	-0.1307	True Trim	4.167
Draught	11.2833	9.9831	8.3393	MTC (+50cm)	3.1621
3/4 Mean Draught	9.9402			MTC (-50cm)	665.270
Disp @ 1.0250	44938.990			DM / DZ	652.440
Trim Correction A	376.260			HFO	12.830
Trim Correction B	36.270			MDO + Others	337.160
Corrected Displacement	45351.520			Fresh Water	252.430
Density of Dock Water	1.0250			Ballast	257.000
Displacement @ Density	45351.520			Total	3302.550
Variables	4149.140			Draft Survey Final Date & Time	
Nett Displacement	41202.380			0810 hrs / 1000 hrs 04h. October, 2025	

Weight by Draft Survey	31468.459	Constant Declared by Chief Mate
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Dist of Draught Marks	Arrival	Departure	LBP	178.850	Lightship
From Fwd. Perpendicular	-7.850	-7.850	LBM	168.200	9532.130
From Mid Perpendicular	-1.225	-1.225	Marks forward of perpendicular +ive		
From Aft Perpendicular	0.800	0.800	Marks aft of perpendicular -ive		

Remarks: After completed loaded the Hold was sealed.
 The quantities of Heavy and Diesel Oil were supplied directly by the Vessel's Chief Eng.
 Issued and signed the present at MATARANI Port on September 30th. and October 04th. 2,025.

On behalf of ALS
 Marine Surveyor / Helber Ramirez Cespedes



CHIEF OFFICER
 FW FIRMAMENT
 On behalf of the Vessel
 Chief Officer LIAN JINLIANG

In accepting this certificate it is agreed that the extent of the obligation of this Company with respect there to is limited to furnishing a surveyor believed to be competent, and in the making of this certificate the surveyor is acting impartially and to the best of his ability and no liability shall attach to the Company or the surveyor for the accuracy there off. Our responsibility can never exceed the amount of our fees.



PRORATE

ALS Ref. J-UK-2510951
 Ref. ALS-2509-0085

Date: October 04th, 2025


M.V. "FW FIRMAMENT"

		Prorata			
Stowage Detail	Cargo	Disport name	Shore Scale Weight (MT)	D. Survey Weight (MT)	Other References
Cargo into Hold Nr. 1					
Cargo into Hold Nr. 2					
Cargo into Hold Nr. 3	COPPER CONCENTRATE	DAHEJ INDIA	12,001.650	11,988.779	
Cargo into Hold Nr. 4					
Cargo into Hold Nr. 5	COPPER CONCENTRATE	DAHEJ INDIA	9,000.250	8,990.591	
Global Loaded Weight			21,001.900	20,979.370	

factor (DSW / SSW) 1.001074

22.530 -0.107%

Required cargo : B/L


 Helber V. Ramirez Céspedes
 SURVEYOR'S



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