

STATEMENT OF COMPLIANCE FOR CARRIAGE OF CARGO IN BULK

No RTD0/SVO/20231018175741

Issued within the scope of the Bureau Veritas Marine & Offshore General Conditions.

Name of Ship BV No : 20404F	Distinctive Number or Letters	Port of Registry	Gross Tonnage	IMO Number
ARKLOW BRAVE	PBPR	ROTTERDAM	5065	9638800

THIS IS TO CERTIFY :

That the ship is classed with the Society and can carry in solid bulk cargo as specified in Appendix 1 in compliance with the International Maritime Solid Bulk Cargoes (IMSBC) Code as amended by resolution MSC.500(105) and SOLAS 74, Regulations II-2/19 as applicable, provided that the ship is loaded in accordance with the said Regulations to the Master's satisfaction.

This Statement of Compliance is valid until **29 January 2025**
subject to the conditions allowing its issuance remain unchanged.

Completion date of the survey on which this Statement is based : **20 January 2020**

Issued at Rotterdam, on the 19 October 2023

**BUREAU VERITAS
MARINE & OFFSHORE**
D. van Eijk



This document is electronically signed and does not require a manual signature as defined in IMO guideline FAL.5-Circ.39.

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By Order of the Secretary

The latest published Rules of the Bureau Veritas Marine & Offshore, and the General Conditions therein, are applicable.

La dernière édition des Règlements de Bureau Veritas Marine & Offshore, ainsi que les Conditions Générales qui y figurent, sont applicables.

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Additional remarks (if any):

- Carriage requirements of individual schedules of solid bulk cargoes apply.

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See attached list of Classes/Products in annex.

APPENDIX 1 TO STATEMENT OF COMPLIANCE
LIST OF CARGOES

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Caption used in the next table(s) for the carriage of goods:

Y indicates CARGO ALLOWED

X indicates NOT ALLOWED

CARGO SHIPPING NAME	UN No	CLASS	GROUP	H1	H2
Alfalfa			C	Y ₁	Y ₁
Alumina			C	Y	Y
Alumina hydrate		MHB	A and B	Y	Y
Alumina silica			C	Y	Y
Alumina silica, pellets			C	Y	Y
Alumina, calcinated			C	Y	Y
Aluminium Ferrosilicon powder	1395	4.3 sub 6.1	B	Y _{2,3}	Y _{2,3}
Aluminium fluoride			A	Y	Y
Aluminium nitrate	1438	5.1	B	Y	Y
Aluminium silicon powder, uncoated	1398	4.3	B	Y _{2,3}	Y _{2,3}
Aluminium smelting /remelting by products, processed		MHB	A and B	Y _{2,4}	Y _{2,4}
Aluminium smelting by-products or aluminum remelting by products	3170	4.3	B	Y _{2,3}	Y _{2,3}
Ammonium nitrate	1942	5.1	B	Y _{2,5}	Y _{2,5}
Ammonium nitrate based fertilizer	2067	5.1	B	Y _{2,5}	Y _{2,5}
Ammonium nitrate based fertilizer	2071	9	B	Y _{2,6}	Y _{2,6}
Ammonium nitrate based fertilizer MHB		MHB (OH)	B	Y ₂	Y ₂
Ammonium nitrated based fertilizer			C	Y ₂	Y ₂
Ammonium sulphate			C	Y	Y
Amorphous sodium silicate lumps		MHB (CR)	B	Y	Y
Antimony ore and residue			C	Y	Y
Barities			C	Y	Y
Barium nitrate	1446	5.1 sub 6.1	B	Y	Y
Bauxite			C	Y	Y
Bauxite fines			A	Y	Y
Biosludge			C	Y	Y
Borax (pentahydrate crude)			C	Y	Y
Borax, anhydrous			C	Y	Y
Boric acid		MHB (TX)	B	Y	Y
Brown coal briquettes		MHB	B	Y ₂	Y ₂
Brucite			C	Y	Y
Calcium fluoride, Calcium sulphate, Calcium carbonate mixture			A	Y	Y
Calcium nitrate	1454	5.1	B	Y	Y

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CARGO SHIPPING NAME	UN No	CLASS	GROUP	H1	H2
Calcium nitrate fertilizer			C	Y	Y
Carborundum			C	Y	Y
Castor Beans or castor meal or castor pomace or castor flake	2969	9	B	Y ₇	Y ₇
Cement			C	Y	Y
Cement clinkers			C	Y	Y
Chamotte			C	Y	Y
Charcoal		MHB	B	Y ₈	Y ₈
Chemical gypsum			A	Y	Y
Chlorite			C	Y	Y
Chopped rubber and plastic insulation			C	Y ₉	Y ₉
Chrome pellets			C	Y	Y
Chromite ore			C	Y	Y
Clam shell			C	Y	Y
Clay			C	Y	Y
Clinker ash		MHB	A and B	Y	Y
Coal		MHB	B(and A)	Y ₂	Y ₂
Coal slurry			A	Y	Y
Coal tar pitch		MHB	B	Y	Y
Coarse chopped tyres			C	Y ₁₀	Y ₁₀
Coarse iron and steel slag and its mixture			C	Y	Y
Coke			C	Y	Y
Coke breeze			A	Y	Y
Colemanite			C	Y	Y
Copper granules			C	Y	Y
Copper matte			C	Y	Y
Copper slag			A	Y	Y
Copra (dry)	1363	4.2	B	Y ₁₁	Y ₁₁
Crushed carbon anodes			C	Y	Y
Cryolite			C	Y	Y
Diammonium Phosphate (D.A.P)			C	Y	Y
Direct reduced iron (A) Briquettes, hot-moulded		MHB	B	Y _{2, 12}	Y _{2, 12}
Direct reduced iron (B) Lumps, pellets, cold-moulded briquettes		MHB	B	Y _{2, 13}	Y _{2, 13}
Direct reduced iron (C) (By-products fines)		MHB	B	Y _{2, 13}	Y _{2, 13}
Distillers dried grains with solubles			C	Y	Y
Dolomite			C	Y	Y
Felspar lump			C	Y	Y
Ferrochrome			C	Y	Y

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Ferrochrome, exothermic			C	Y	Y
Ferromanganese			C	Y	Y
Ferronickel			C	Y	Y
Ferronickel slag (granulated)			C	Y	Y
Ferrophosphorus (including briquettes)		MHB	B	Y ₂	Y ₂
Ferrosilicon with 25% to 30% silicon or 90% or more silicon (including briquettes)		MHB	B	Y _{2, 14}	Y _{2, 14}
Ferrosilicon with 30% or more but less than 90% silicon (including briquettes)	1408	4.3 sub 6.1	B	Y _{2, 15}	Y _{2, 15}
Ferrous metal borings, shavings, turning or cuttings	2793	4.2	B	Y	Y
Ferrous sulphate heptahydrate			C	Y	Y
Fertilizers without nitrates (non-hazardous)			C	Y	Y
Fish (in bulk)			A	Y	Y
Fishmeal (fishcrap), stabilized	2216	9	B	Y ₁₆	Y ₁₆
Flue dust, containing lead and zinc		MHB (TX and/or CR)	A and B	Y	Y
Fluorspar		MHB	A and B	Y	Y
Fly ash, dry			C	Y	Y
Fly ash, wet			A	Y	Y
Foam glass gravel			C	Y	Y
Glass cullet			C	Y	Y
Grain screening pellets			C	Y ₁₇	Y ₁₇
Granular ferrous sulphate			C	Y	Y
Granulated nickel matte (less than 2% moisture content)		MHB	B	Y	Y
Granulated slag			C	Y	Y
Granulated tyre rubber			C	Y ₁₈	Y ₁₈
Gypsum			C	Y	Y
Gypsum granulated			C	Y	Y
Ilmenite (rock)			C	Y	Y
Ilmenite (upgraded)			A	Y	Y
Ilmenite clay			A	Y	Y
Ilmenite sand			A or C	Y	Y
Iron and steel slag and its mixture			A	Y	Y
Iron ore			C	Y	Y
Iron ore fines			A	Y	Y
Iron ore pellets			C	Y	Y
Iron oxide technical			A	Y	Y
Iron oxide, spent or iron sponge, spent	1376	4.2	B	Y ₁₉	Y ₁₉
Iron sinter			C	Y	Y

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CARGO SHIPPING NAME	UN No	CLASS	GROUP	H1	H2
Iron smelting by-products			C	Y	Y
Ironstone			C	Y	Y
Labradorite			C	Y	Y
Leach residue containing lead		MHB (TX and CR)	A and B	Y	Y
Lead nitrate	1469	5.1 sub 6.1	B	Y	Y
Lead ore			C	Y	Y
Lime (unslaked)		MHB	B	Y	Y
Limestone			C	Y	Y
Linted cotton seed with no more than 9% moisture and not more than 20.5% oil		MHB	B	Y	Y
Magnesia (deadburned)			C	Y ₂₀	Y ₂₀
Magnesia (unslaked)		MHB	B	Y	Y
Magnesite, natural			C	Y	Y
Magnesium nitrate	1474	5.1	B	Y	Y
Magnesium sulphate fertilizers			C	Y	Y
Manganese component ferroalloy slag			C	Y	Y
Manganese ore			C	Y	Y
Manganese ore fines			A	Y	Y
Marble chips			C	Y	Y
Matte containing copper and lead		MHB (TX and/or CR)	B	Y	Y
Metal sulphide concentrate		MHB	A and B	Y	Y
Metal sulphide concentrates, corrosive	1759	8	A and B	Y	Y
Metal sulphide concentrates, self-heating	3190	4.2	A and B	Y	Y
Mineral concentrates			A	Y	Y
Monoammonium phosphate (M.A.P)			C	Y	Y
Monoammonium phosphate (M.A.P), mineral enriched coating		MHB (CR)	B	Y	Y
Monocalciumphosphate (MCP)		MHB(CR)	A and B	Y	Y
Nickel ore			A	Y	Y
Olivine granular and gravel aggregate products			C	Y	Y
Olivine sand			A	Y	Y
Peanuts (in shell)			C	Y	Y
Peat moss		MHB	A and B	Y	Y
Pebbles (sea)			C	Y	Y
Pellets (concentrate)			C	Y	Y
Perlite rock			C	Y	Y
Petroleum coke (calcined or uncalcined)		MHB	B	Y	Y
Phosphate (defluorinated)			C	Y	Y

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CARGO SHIPPING NAME	UN No	CLASS	GROUP	H1	H2
Phosphate rock (calcinated)			C	Y	Y
Phosphate rock (uncalcinated)			C	Y	Y
Pig iron			C	Y	Y
Pitch prill		MHB	B	Y	Y
Potash			C	Y	Y
Potassium chloride			C	Y	Y
Potassium nitrate	1486	5.1	B	Y	Y
Potassium sulphate			C	Y	Y
Pumice			C	Y	Y
Pyrite (containing copper and iron)			C	Y	Y
Pyrites, calcinated (calcinated pyrites)		MHB	A and B	Y	Y
Pyrophyllite			C	Y	Y
Quartz			C	Y	Y
Quartzite			C	Y	Y
Radioactive material, low specific activity (LSA-1), non fissile or fissile-excepted	2912	7	B	X	X
Radioactive material, surface contaminated objects (SCO-I), non fissile or fissile-excepted	2913	7	B	X	X
Rasorite (anhydrous)			C	Y	Y
Rutile sand			C	Y	Y
Salt			C	Y	Y
Salt cake			C	Y	Y
Salt rock			C	Y	Y
Sand			C	Y	Y
Sand, heavy mineral			A	Y	Y
Sand, mineral concentrate, radioactive material, low specific activity (LSA-I)	2912	7	A and B	X	X
Sawdust		MHB	B	Y ₂₁	Y ₂₁
Scale generated from the iron and steel making process			A	Y	Y
Scrap metal			C	Y	Y
Seed cake with not more than 1.5% oil and not more than 11% moisture	2217	4.2	B	Y _{2, 22}	Y _{2, 22}
Seed cake, containing vegetable oil (a), mechanically expelled seeds, containing more than 10% of oil or more than 20% of oil and moisture combined	1386	4.2	B	Y	Y
Seed cake, containing vegetable oil (b) solvent extractions and expelled seeds, containing not more than 10% of oil and when the amount of moisture is higher than 10%, not more than 20% of oil and moisture combined	1386	4.2	B	Y _{2, 22}	Y _{2, 22}
Seed cakes and other residues of processed oily vegetables (group B)			B	Y ₂	Y ₂

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Seed cakes and other residues of processed oily vegetables (group C)			C	Y ₂₃	Y ₂₃
Silicomanganese (carbo-thermic)			C	Y	Y
Silicomanganese (low carbon)		MHB	B	Y _{2, 24}	Y _{2, 24}
Silicon slag			C	Y	Y
Soda ash (Dense and light)			C	Y	Y
Sodium nitrate	1498	5.1	B	Y	Y
Sodium nitrate and potassium nitrate mixture	1499	5.1	B	Y	Y
Solidified fuels recycled from paper and plastics		MHB	B	Y ₂₅	Y ₂₅
Spodumene (upgraded)			A	Y	Y
Stainless steel grinding dust			C	Y	Y
Stone chippings			C	Y	Y
Sugar			C	Y	Y
Sugarcane biomass pellets		MHB (CB, WT, WF, OH)	B	Y ₂₆	Y ₂₆
Sulphate of potash and magnesium			C	Y	Y
Sulphur (crushed lump and coarse grained)	1350	4.1	B	Y _{2, 27}	Y _{2, 27}
Sulphur (formed, solid)			C	Y	Y
Superphosphate			C	Y	Y
Superphosphate (triple, granular)		MHB (CR)	B	Y	Y
Synthetic calcium fluoride			A	Y	Y
Synthetic silicon dioxide			A	Y	Y
Taconite pellets			C	Y	Y
Talc			C	Y	Y
Tankage		MHB	B	Y	Y
Tapioca			C	Y	Y
Titanomagnetite sand			A	Y	Y
Urea			C	Y	Y
Vanadium ore		MHB	B	Y	Y
Vermiculite			C	Y ₂₈	Y ₂₈
White quartz			C	Y	Y
Wood pellets containing additives and/or binders		MHB (WF)	B	Y	Y
Wood pellets not containing any additives and/or binders		MHB(OH)	B	Y	Y
Wood products -general		MHB	B	Y	Y
Wood torrefied		MHB	B	Y	Y
Woodchips		MHB	B	Y	Y
Zinc ashes	1435	4.3	B	Y ₂	Y ₂
Zinc oxide enriched flue dust			A and B	Y	Y

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CARGO SHIPPING NAME	UN No	CLASS	GROUP	H1	H2
Zinc slag			A	Y	Y
Zircon kyanite concentrate			A	Y	Y
Zirconsand			C	Y	Y

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Notes applicable for this document:

- (1) Prior to loading of this cargo, a certificate shall be provided by a competent authority or shipper stating that the material as shipped does not meet the requirement for Seed cake
- (2) Electrical equipment which is not essential for the safety and operation of the ship and which is not of a type approved for use in the considered area shall be:
 - completely disconnected by appropriate means other than fuses at a point external to the space
 - protected against unauthorized re-connection
- (3) Prior to loading this cargo a certificate shall be provided by the manufacturer or shipper stating that, after manufacture, the material was stored under cover, but exposed to the weather in the particle size shipped, for not less than 3 days prior the shipment
- (4) Prior to loading this cargo a weathering certificate shall be provided by the manufacturer or shipper stating that, after manufacture, the material was stored under cover, but exposed to the weather in the particle size shipped, for not less than 4 WEEKS prior the shipment
- (5) Prior to loading, the shipper shall provide the master with a certificate signed by the shipper stating that all the relevant conditions of the cargo required by this code including its individual schedule have been met . In addition, prior to loading, the shipper shall provide the master with a certificate stating that the resistance to detonation of this material is in compliance with this requirements
- (6) This cargo shall only be accepted for loading when, as a results of testing in the trough test, its liability to self-sustaining decomposition shows decomposition rate not greater than 0.25m/h
- (7) Castor meal, castor pomace and castor flakes shall not be carried in bulk
- (8) The manufacturer or shipper shall give the master a certificate stating that the cargo is not class 4.2 in accordance with the results of the test approved b the competent authority. The certificate shall also state that this cargo has been weathered for not less than 13 days. This cargo shall only be accepted for loading when the actual moisture content of the cargo is not more than 10%
- (9) Prior to shipment, a certificate shall be given to the master by the shipper stating that this cargo consists of clean plastic and rubber material only.
- (10) Prior to shipment, a certificate shall be given to the master by the shipper stating that this cargo is free of oily products or oily residue and has been stored under cover but in the open air for not less than 15 days prior shipment.
- (11) This cargo shall only be accepted for loading when the cargo has been weathered for at least one month before shipment or when the shipper provides the master with certificate issued by a person recognized by the competent authority of the country of origin stating that the moisture content of the cargo is not more than 5%
- (12) The shipper shall provide the master with a certificate issued by a competent person recognized by the national administration of the port of loading stating that the cargo, at the time of loading, is suitable for shipment and that it conforms with the requirements of IMSBC Code; that the quantity of fines and small particles (up to 6.35 mm in size) is no more than 5% by weight; the moisture content is less than 1.0% and the temperature does not exceed 65°C
- (13) Prior to loading this cargo, the shipper shall provide the master with a certificate issued by a competent person recognized by the national Administration of the port of loading stating that the cargo, at the time of loading, is suitable for shipment, and that it conforms with the requirements of IMSBC Code; that the quantity of fines and small particles is no more than 5% by weight; that the moisture content is less than 0.3%; and that the temperature does not exceed 65°C. This certificate shall state the date of manufacture for each lot of cargo to be loaded in order to meet the loading criteria in regards to ageing and material temperature. Provision shall be made to introduce a dry, inert gas at tank-top level so that the inert gas purges the air from the cargo and fills the free volume above prior to loading and to maintain the oxygen concentration below 5% throughout the voyage in accordance with the requirements of IMSBC.
- (14) The manufacturer or the shipper shall provide the master with a certificate stating that, after manufacture, the cargo was stored under cover, but exposed to open air for not less than three days prior to shipment.
- (15) The manufacturer or the shipper shall provide the master with a certificate stating that, after manufacture, the cargo was stored under cover, but exposed to dry weather for not less than three days prior to shipment
- (16) The shipper shall provide the master with a certificate issued by a person recognized by the competent authority of the country with the information requested in IMSBC (moisture content, fat content, date of production...)
- (17) A certificate from a person recognized by the competent authority of the country of shipment shall be provided by the shipper to the master, prior to loading, confirming that the oil and moisture contents as described in the schedule have been met
- (18) Prior to shipment, a certificate shall be given to the master by the shipper stating that this cargo consists of clean rubber only
- (19) Prior to loading, the shipper or the manufacturer shall provide the master with a certificate stating that the cargo has been cooled and then weathered for not less than 8 weeks prior to shipment
- (20) Prior to loading, the shipper or the manufacturer shall provide the master with a declaration stating that the cargo has been sufficiently heat-treated and is ready for loading
- (21) Prior to loading this cargo, the shipper shall provide the master with a certificate stating that the cargo is clean, dry and free from oil
- (22) This cargo shall only be accepted for loading when the cargo is substantially free from flammable solvent and a certificate from a person recognized by the competent authority of the country of shipment specifying the oil content and moisture content is issued.
- (23) A certificate from a person recognized by the competent authority of the country of shipment shall be provided by the shipper, prior to loading, stating that the requirements for exclusion from either the schedule for SEED CAKE UN 1386 (b) or UN 2217, whichever is applicable, are met as set out in those schedules and that the material does not meet the MHB (SH) criteria specified in 9.2.3.3.
- (25) The manufacturer or shipper shall give the master a certificate stating that the cargo is not class 4.2
- (26) Close or direct contact of this cargo and cargo hold lighting such as hot halogen lamps shall be avoided. Fuses to such lights shall be removed or secured while this cargo is present in the cargo space
- (27) Fine grained sulphur (flower of sulphur) shall not be transported in bulk
- (28) Prior to loading, a certificate based on test shall be provided by the manufacturer or shipper stating that the asbestos content is less than 1%

Space identification:

H1: Hold 1
H2: Hold 2