MARINE DIVISION

Certificate number: 187/RJN/12

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CERTIFICATE
FOR
BATTERY CHARGER ASSEMBLY

Manufacturer : Teksea Sistemas de Energia (Blumenau - SC - BRA)
Purchaser : ESTALEIRO RIO TIETE LTDA (Aracatuba - BRA)
Shipyard : ESTALEIRO RIO TIETE LTDA (Aracatuba - BRA)
BV Register N° : 22083F **Hull N°** : ERT - 001
Requirements : Bureau Veritas Rules for the Classification of Inland Navigation Vessels (2011)

Product description : **BATTERY CHARGER**
Design review : Reference(s) : PDR1203554
Quantity : 2 pcs

Type : TEKCHARGER 24V / 100A
Intended for : Emergency electrical power system
Rated voltage : 24V
Rated current : 100A
Frequency : 60Hz
Serial number : 518 and 519
Rated power : 2400W
Incoming voltage : 220V 3ø
Degree of protection : IP-22
Scope of inspection : Visual and dimensional examination
: Witness of type tests
: Witness of routine tests

Enclosures / Remarks : Inspection Test Report filed in the system.

This certificate is issued by Bureau Veritas as per the above Classification Rules and in compliance with the applicable technical requirements therein.

Marking : 187/RJN/12
Last survey : 09 Oct 2012
Surveyor : Lando Ribeiro

Issuance date : 15 Oct 2012
Office : BV RIO DE JANEIRO

BUREAU VERITAS SURVEYORS AT PARIS 1828 RIO DE JANEIRO INTERNATIONAL REGISTER

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